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PARTE COMUNE ITALO-FRANCESE - PARTIE COMMUNE FRANCO-ITALIENNE

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CANTIERE OPERATIVO 02C/CHANTIER DE CONSTRUCTION 02C
RILOCALIZZAZIONE DELL'AUTOPORTO DI SUSA
DEPLACEMENT DE L'AUTOPORTO DE SUSE
PROGETTO ESECUTIVO - ETUDES D'EXECUTION
CUP C11J05000030001 - CIG 682325367F

FABBRICATI
CEC - CARBURANTI E CASSE
Relazione di calcolo - Copertura area carburante

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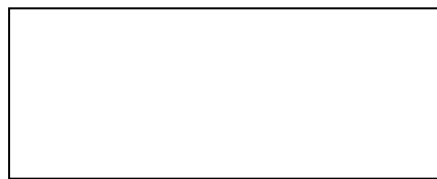
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**INTEGRAZIONE PRESTAZIONI SPECIALISTICHE/
/INTÉGRATION SPÉCIALISTE**




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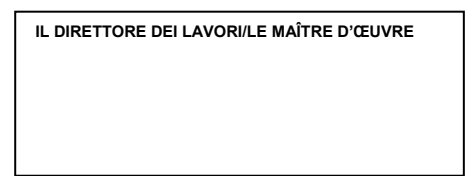


SCALA / ÉCHELLE
-

IL PROGETTISTA/LE DESIGNER



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1. Introduzione

La presente relazione riporta i calcoli strutturali e geotecnici della struttura di copertura dell'area carburanti. La struttura è realizzata in struttura metallica con pilastri costituiti da profili HEB340 fondati su un graticcio di travi in c.a. di notevole rigidità. In pianta la copertura ha forma rettangolare di lati pari a circa 54 m e 16 m costituita da lamiera appoggiate su arcarecci IPE120 che a loro volta scaricano su una doppia orditura di travi reticolari. L'ordine secondario è ordito in direzione trasversale, parallelamente al lato corto, e presenta 19 travi reticolari costituite da un corrente superiore HEB140 e inferiore HEA120. L'ordine primario presenta su ogni lato lungo una trave reticolare per ogni campata con corrente superiore HEA180 e inferiore HEA160. Per i dettagli si rimanda agli elaborati grafici.

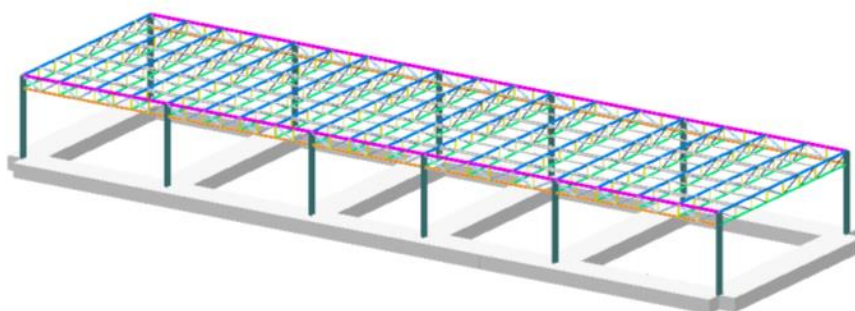


Figura 1: vista tridimensionale del modello agli elementi finiti con ingombri

2. Normativa di riferimento

- D.M. 14/01/2008 “Norme tecniche per le costruzioni” - GU n°29 del 4/2/2008 (NTC nel seguito);
- Circolare 2 febbraio 2009 n. 617 - Istruzioni per l'applicazione delle nuove norme tecniche per le costruzioni di cui al DM 14/01/2008 (Circolare nel seguito);

E tutti i documenti in a cui queste rimandano. Per il calcolo dell'azione del vento si è fatto riferimento a quanto segue:

- CNR-DT 207/2008: “Istruzioni per la valutazione delle azioni e degli effetti del vento sulle costruzioni”

3. Caratteristiche dei materiali

3.1 Calcestruzzo per opere di fondazione

Resistenza caratteristica a compressione cubica	R_{ck}	=	=	30.00	N/mm ²
Resistenza caratteristica a compressione cilindrica	f_{ck}	=	=	25.00	N/mm ²
Resistenza media a compressione cilindrica	f_{cm}	=	$f_{ck}+8$	32.90	N/mm ²
Modulo elastico	E_c	=	$22000 \times (f_{cm}/10)^{0.3}$	31447	N/mm ²
Resistenza a trazione semplice	f_{ctm}	=	$0.30 \times f_{ck}^{2/3}$	2.56	N/mm ²
Resistenza a trazione caratteristica (frattile 5%)	f_{ctk}	=	$0.70 \times f_{ctm}$	1.79	N/mm ²
Stato Limite Ultimo					
Coefficiente parziale di sicurezza	γ_c	=	=	1.50	--
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	=	=	0.85	--
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc} \times f_{ck} / \gamma_c$	14.11	N/mm ²
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk} / γ_c	1.19	N/mm ²
Stato Limite di Esercizio					

Tensione max di compressione - Comb. rara	σ_c	<	$0.60 \times f_{ck}$	=	14.94	N/mm ²
Tensione max di compressione - Comb. quasi permanente	σ_c	<	$0.45 \times f_{ck}$	=	11.21	N/mm ²
Stato Limite di Fessurazione						
Classe di esposizione	XC2					
Valore limite di apertura delle fessure - Comb. frequente.	w	≤	w ₃	=	0.4	mm
Valore limite di apertura delle fessure - Comb. quasi perm.	w	≤	w ₂	=	0.3	mm

3.2 Acciaio per cemento armato

Si utilizza acciaio per cemento armato tipo B450C, con le seguenti caratteristiche:

Tensione caratteristica di rottura (frattile 5%)	f_{tk}	=			540.00	N/mm ²
Tensione caratteristica di snervamento (frattile 5%)	f_{yk}	=			450.00	N/mm ²
Stato Limite Ultimo						
Coefficiente parziale di sicurezza	γ_s	=			1.15	--
Resistenza a trazione di calcolo	f_{yd}	=	f_{yk}/γ_s	=	391.30	N/mm ²
Stato Limite di Esercizio						
Tensione massima di trazione	σ_s	<	$0.80 \times f_{yk}$	=	360.00	N/mm ²

3.3 Acciaio per carpenteria metallica

3.3.1 Profili commerciali

Acciaio S275J0 - spessore $t \leq 40$ mm

Tensione caratteristica di rottura	f_{tk}	=			430.00	N/mm ²
Tensione caratteristica di snervamento	f_{yk}	=			275.00	N/mm ²
Modulo elastico	E	=			210000	N/mm ²

3.3.2 Piastre di nodi saldati e imbullonati

Acciaio S355J0 - spessore $t \leq 40$ mm

Tensione caratteristica di rottura	f_{tk}	=			510.00	N/mm ²
Tensione caratteristica di snervamento	f_{yk}	=			355.00	N/mm ²
Modulo elastico	E	=			210000	N/mm ²

3.4 Bulloni

Bulloni ad alta resistenza classe 8.8

Tensione caratteristica di snervamento	f_{yb}	=			649.00	N/mm ²
Tensione caratteristica di rottura	f_{tb}	=			800.00	N/mm ²

4. Caratterizzazione geotecnica

L'elaborato PD2C3AMUS1204AAPPLA allegato al progetto definitivo riporta l'ubicazione delle indagini geologiche e geotecniche relative all'area di interesse e l'indicazione delle sezioni geotecniche che interpretano e riassumono le indicazioni derivanti dalle prove.

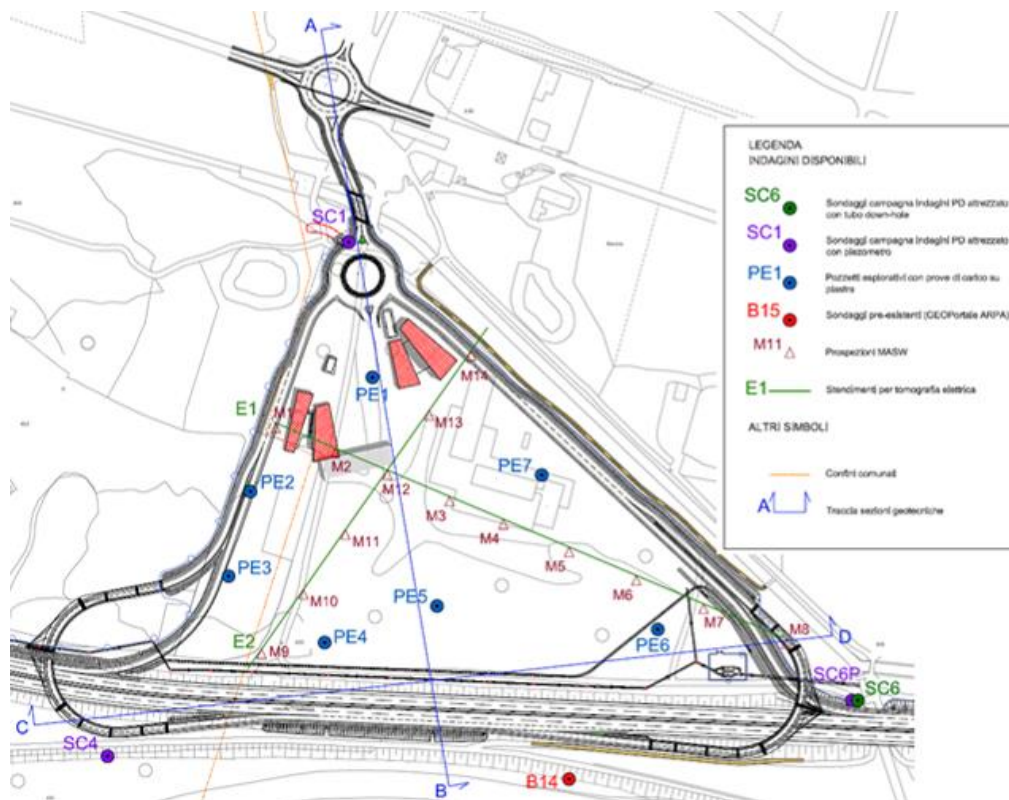


Figura 2: ubicazione delle indagini geologiche

Nel caso in esame risulta di interesse la sezione A-B di cui si riporta qui di seguito uno stralcio in corrispondenza della zona di pertinenza dei fabbricati in progetto.

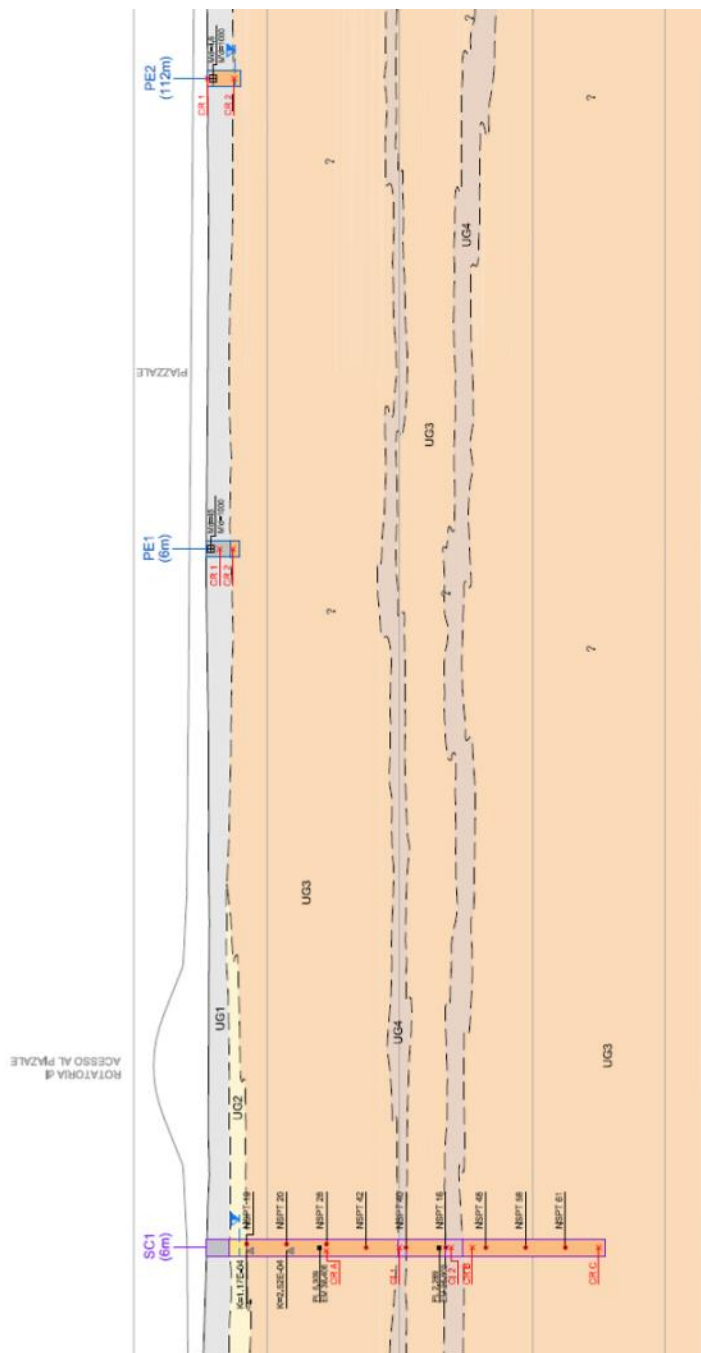


Figura 3: sezione geologica di interesse

Qualitativamente risulta una stratigrafia piuttosto omogenea lungo la linea di sezione con prevalenza dell'unità UG3 al di sotto dell'unità superficiale UG1 e la presenza di strati di potenza ridotta dell'unità UG4. Tuttavia, come si evince dalle immagini sopra riportate, le prove effettuate coprono solo parzialmente la zona di insediamento dei fabbricati. Nello specifico si concentra l'attenzione sulle prove SC1, PE1, PE2 e PE7 (quest'ultima utile più che altro per stimare l'omogeneità confrontandone i risultati con le prove PE1 e PE2). Le tabelle seguenti sono estratte dall'elaborato PD2C3AMUS1205AAPPLA e riportano un riassunto qualitativo delle risultanze delle prove. Si conferma l'omogeneità tra le prove SC1, PE1, PE2 e PE7.

Sondaggi e pozzetti esplorativi della campagna indagini per la Progettazione Definitiva									
Codice sondaggio	Profondità (m)	Tipo sondaggio	Opera di pertinenza	Straumentazione in foro	Falda (m da p.c.)	Litotipo	n° prove Permeabilità	n° prove pressiometriche	n° prove SPT
Sc6	30,00	carotato verticale	Rampe di uscita dalla A32	tubo per down-hole		0-0.2: terreno di riporto vegetale 0.2-1.4: terreno di riporto: sabbia medio-fine limosa grigiastra con ghiaia 1.4-2.2: blocco di gneiss 2.2-3.4: terreno di riporto: sabbia grossa e media limosa nocciola e ghiaia poligenica ed eterometrica 3.4-3.8: limo	2	2	9
Sc1	30,00	carotato verticale	Ponte su canale NIE	piezometro	2,45	0.2-1.7: terreno di riporto ghiaioso con ciottoli in matrice sabbioso-limosa 1.7-3: sabbia grossa e media limosa grigia e ghiaia poligenica ed eterometrica 3-9: ghiaia eterometrica poligenica con rari ciottoli in abbondante matrice sabbioso-limosa grigia	2	2	9
Sc4	30,00	carotato verticale	Rampe di entrata sulla A32	piezometro	3,40	0.2-3: terreno di riporto ghiaioso con ciottoli in matrice sabbioso-limosa 3-10.5: ghiaia eterometrica poligenica con ciottoli in matrice sabbioso-limosa nocciola 10.5-16.4: ghiaia eterometrica poligenica con rari ciottoli in abbondante matrice sabbioso-	2	2	9
Sc6 piez	12,00	carotato verticale	Rampe di uscita dalla A32	piezometro	1,12	0-0.1: terreno di riporto vegetale 0.1-3: terreno di riporto: sabbia medio-fine limosa grigiastra con ghiaia e rari ciottoli 3-12: ghiaia eterometrica poligenica in matrice sabbiosa e limosa di colore nocciola			
PE1	2,50	escavatore	Area sosta		no	0-1.8: terreno di riporto ghiaioso con ciottoli in matrice sabbioso-limosa grigia 1.8-2.6: ghiaia eterometrica poligenica con ciottoli in matrice sabbioso-limosa grigiastra			
PE2	2,50	escavatore	Area sosta		2,10	0-0.4: sabbia-limosa o limo-sabbioso grigia 0.4-2.6: ghiaia eterometrica poligenica con ciottoli in matrice sabbioso-limosa grigiastra			
PE3	2,80	escavatore	Area sosta		no	0-1.1: sabbia-limosa o limo-sabbioso grigia passante a sabbia ghiaiosa 1.1-2.8: ghiaia eterometrica poligenica con ciottoli in matrice sabbioso-limosa grigiastra			
PE4	2,80	escavatore	Area sosta		no	0-2: terreno di riporto costituito da ghiaia e ciottoli in scarsa matrice sabbioso-limosa grigia			
PE5	2,00	escavatore	Area sosta		no	0-1.6: terreno di riporto ghiaioso in matrice sabbioso-limosa grigia 1.6-2.8: ghiaia eterometrica poligenica con ciottoli in matrice sabbioso-limosa grigiastra			
PE6	3,00	escavatore	Area sosta		2,80	0-1.7: terreno di riporto: sabbia-limosa o limo-sabbioso passante a ghiaia con ciottoli 1.7-2.6: limo argilloso di colore grigio 2.6-3: limo sabbioso grigiastra con ghiaia			
PE7	2,80	escavatore	Area sosta		2,20	0-0.7: sabbia-limosa o limo-sabbioso grigia con rara ghiaia 0.7-2.8: ghiaia eterometrica poligenica con ciottoli in matrice sabbioso-limosa grigiastra			

Si riporta qui di seguito la caratterizzazione geotecnica delle unità geologiche.

Sintesi dei principali parametri geotecnici delle Unità interessate dal progetto											
Unità geotecnica	Litotipo	Peso di volume naturale	Coesione	Angolo di attrito	Modulo di Young	Modulo pressiometrico	Pressione limite	Modulo di taglio $\nu = E/2G - 1$	Coefficiente di permeabilità	Coesione non drenata	Coefficiente di consolidazione primaria
		γ (KN/m ³)	c' (KPa)	φ' (°)	E (MPa)	Em (MPa)	Pl (MPa)	G (MPa)	K (m/s)	cu (KPa)	Cv (cm ² /s)
UG1	Terreno vegetale e di riporto ghiaioso-sabbioso	18-20	0	25-30	20-25	-	-	-	$10^{-3} - 10^{-5}$	-	-
UG2	Sabbia limosa con ghiaia	19-21	0	30-35	15-20	-	-	35-45	$10^{-4} - 10^{-6}$	-	-
UG3	Ghiaia con ciottoli in matrice sabbioso-limosa	21-22	0	35-40	50-100	25-60	3-6	50-70	$10^{-4} - 10^{-6}$	-	-
UG4	Limi sabbiosi con subordinata ghiaia	19-21	0-5	25-30	30-60	15-30	2-4	20-40	$10^{-6} - 10^{-9}$	60-70	$5.78 \cdot 10^{-3}$

Il livello della falda considerato nei calcoli è in corrispondenza del piano campagna.

5. Analisi dei carichi

5.1 Pesì propri strutturali

Il peso proprio delle strutture è calcolato in automatico dal software sulla reale geometria degli elementi strutturali previa definizione del peso per unità di volume del materiale. Per il c.a. si considera un peso per unità di volume di 25 kN/m³ e per l'acciaio da carpenteria un peso di 78.50 kN/m³.

5.2 Carichi permanenti portati

L'azione totale è pari a 60 daN/m² così ottenuti:

- Pannelli di copertura: 20 daN/m²
- Pannelli di rivestimento: 20 daN/m²
- Pannelli fotovoltaici: 20 daN/m²

Sui correnti superiori delle travi reticolari longitudinali e trasversali si applica un carico di 15 daN/m per tenere conto del carter metallico di chiusura laterale

5.3 Azione della neve

In copertura si considera un carico di 135 daN/m² applicato agli arcarecci in funzione della loro larghezza di influenza.

CARICO NEVE

Unità di misura : m ; KN/mq ; KN/m

Zona 0

Altitudine [m]: 430

Periodo di Ritorno [anni]: 50

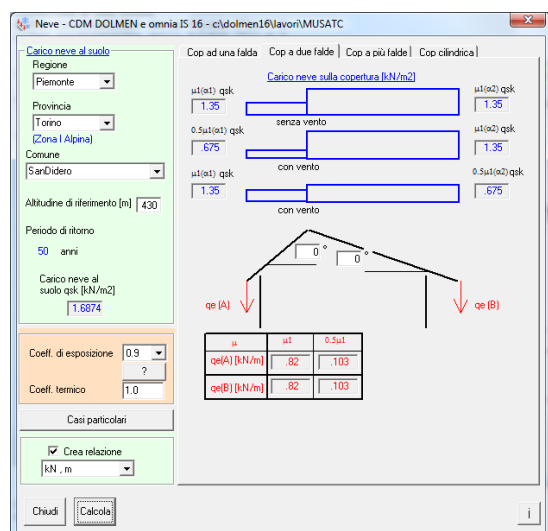
qs_k (carico neve al suolo) = 1.6874

COPERTURA A DUE FALDE

alfa1 (inclinazione della falda1 [°]) = 0

alfa2 (inclinazione della falda2 [°]) = 0

	mu	qs	qe
mu1(alfa1)	.8	1.35	.82
0.5mu1(alfa1)	.4	.675	.103
mu1(alfa2)	.8	1.35	.82
0.5mu1(alfa2)	.4	.675	.103



5.4 Azione del vento

VENTO

Unità di misura : m ; KN/mq ; m/s

Convenzione di segno:

(+) compressione

(-) decompressione

Zona 1

Altitudine: 430

Periodo di Ritorno [anni]: 50

Classe di rugosità del terreno: D

Distanza dalla costa [km]: 100

Categoria di esposizione del sito: 2

v_{ref} (velocità di riferimento) = 25.

q_{ref} (pressione cinetica di riferimento) = .3906

cd (coefficiente dinamico) = 1.

Considerando un'altezza pari a 6 m si ottiene un coefficiente c_e pari a circa 2.1. Si ha:

$$V_b = 25 \text{ m/s}^2$$

q_b	=	391	N/m ²
c_e	=	2.1	
q_p	=	820	N/m ²

Come riportato al capitolo G10 delle CNR-DT 207/2008 per i pilastri isolati il valore di pressione q_p deve essere moltiplicato per un coefficiente di forza pari a 2.1, da cui un valore di pressione per i pilastri di:

$$q_{p,pil} = 82 \times 2.1 = 172.3 \text{ daN/m}^2$$

Per la copertura si fa riferimento al capitolo G7 delle CNR-DT 207/2008 da cui si ottiene un coefficiente di forza di 1.8:

$$q_{p,cop} = 82 \times 1.8 = 147.7 \text{ daN/m}^2$$

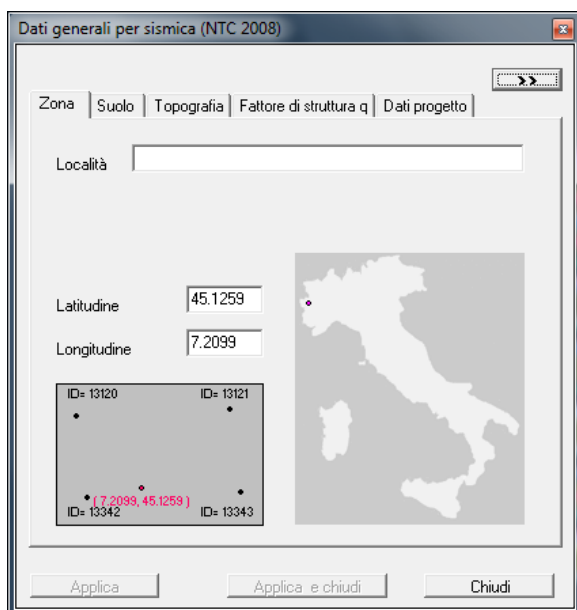
Si applica un'azione tangente in copertura di 80 daN/m² e una pressione, sempre in copertura, di 100 daN/m².

5.5 Azione termica

Si considera una variazione termica di 25°C.

5.6 Azione sismica

L'azione sismica è calcolata con i seguenti parametri di input:



Dati generali per sismica (NTC 2008)

Zona | Suolo | Topografia | Fattore di struttura q | Dati progetto

A - Ammassi rocciosi affioranti o terreni molto rigidi
 B - Rocce tenere e depositi di terreni a grana grossa o terreni a grana fina molto consistenti
 C - Depositi di terreni a grana grossa mediamente addensati, o terreni a grana fine mediamente consistenti
 D - Depositi di terreni a grana grossa scarsamente addensati o di terreni a grana fine scarsamente consistenti
 E - Terreni dei sottosuoli di tipo C o D per spessore non superiore a 20 m

Dati generali per sismica (NTC 2008)

Zona | Suolo | Topografia | Fattore di struttura q | Dati progetto

Coefficiente di amplificazione topografica

Tabella 2.2.VI - Valori massimi dei coeff. di amplif. topografica

Categoria topografica	Ubicazione dell'opera o dell'intervento	S_T
T1	-	1,0
T2	In corrispondenza della sommità del pendio	1,2
T3	In corrispondenza della cresta del rilievo	1,2
T4	In corrispondenza della cresta del rilievo	1,4

Dati generali per sismica (NTC 2008)

Zona | Suolo | Topografia | Fattore di struttura q | Dati progetto

Per azioni verticali :
q | 1.50

Per azioni orizzontali :
q | 1.00 | Assegnato

Classe di duttilità

Applica | Applica e chiudi | Chiudi

Dati generali per sismica (NTC 2008)

Zona | Suolo | Topografia | Fattore di struttura q | Dati progetto

Vita nominale dell'opera V_N | 50

Coefficiente d'uso C_U | 2.0 (Classe d'uso IV)

Periodo di riferimento | 100

P_{VR} di progetto (%) | 10% (SLV)

P_{VR} di esercizio (%) | 63% (SLD)

Coeff. di smorzamento viscoso ξ (%) | 5

Orizzontale
Verticale

Progetto
Elastico
Esercizio
Es. appross.

Eserc. appl. Progetto | 0.422

a_g	F_o	T_c^*	T_B	T_C	T_D	T [sec]
1.6481	2.485	0.270	0.128	0.385	2.259	(Progetto)
0.7140	2.422	0.240	0.117	0.351	1.886	(Esercizio)

Applica | Applica e chiudi | Chiudi

5.6.1 Analisi modale

L'analisi modale ha portato alla presa in conto di 2 modi di vibrare, uno per ogni direzione principale della struttura.

ANALISI DINAMICA

lavoro : \MUSST4

PARAMETRI DI CALCOLO:

Calcolo secondo NTC 2008
Modello generale
Assi di vibrazione: X Y
Combinazione quadratica completa (CQC)

DATI PROGETTO

Copertura area carburante - Relazione di calcolo

Edificio sito in località (long. 7.2099 lat. 45.1259)

Categoria del suolo di fondazione = B

Coeff. di amplificazione stratigrafica $S_s = 1.200$

Coeff. di amplificazione topografica $ST = 1.000$

$S = 1.200$

Vita nominale dell'opera VN = 50 anni

Coefficiente d'uso CU = 2.0

Periodo di riferimento VR = 100.0

PVR : probabilità di superamento in VR = 10 %

Tempo di ritorno = 949

Coeff. di smorzamento viscoso = 5.0

Valori risultanti per :

ag 1.648 [g/10]

Fo 2.485

TC* 0.270

Fattore di struttura q = 1.000

Rapporto spettro di esercizio / spettro di progetto = 0.422

CONDIZIONI DI RIFERIMENTO	COEFFICIENTE	PESO RISULTANTE [daN]
1.	1.000	48303.7
2.	1.000	52108.6

*** TABELLA AUTOVETTORI ***

n	PERIODO [sec]	MASSA ATTIVATA			COEFFICIENTI DI CORRELAZIONE							
		%X	%Y	%Z	n+1	n+2	n+3	n+4	n+5	n+6	n+7	
1	0.441791	0.002	99.825	0.000	0.058							
2	0.297286	98.958	0.002	0.000								
MASSA TOTALE		98.960	99.827	0.000								

Si considerano i torcenti addizionali così calcolati:

 Analisi sismica - Statica lineare - (NTC 2008)

DATI PROGETTO

Edificio sito in località (long. 7.2099 lat. 45.1259)

Categoria del suolo di fondazione = B

Coeff. di amplificazione stratigrafica $S_s = 1.200$

Coeff. di amplificazione topografica $ST = 1.000$

$S = 1.200$

Vita nominale dell'opera VN = 50 anni

Coefficiente d'uso CU = 2.0

Periodo di riferimento VR = 100.0
 PVR : probabilità di superamento in VR = 10 %
 Tempo di ritorno = 949
 Coeff. di smorzamento viscoso = 5.0

Valori risultanti per :
 ag 1.648 [g/10]
 Fo 2.485
 TC* 0.270

Fattore di struttura q = 1.000
 Rapporto spettro di esercizio / spettro di progetto = 0.422

Coeff. lambda = 1.0000
 Sd = 0.429 per T1 = 0.44

Numero condizioni generanti carichi sismici : 2

Cond. 001 : Peso proprio _____ con coeff. 1.000
 Cond. 002 : Permanente _____ con coeff. 1.000

Condizioni di carico sismico generate:

Cond. 010 : Sisma X
 Cond. 011 : Sisma Y
 Cond. 012 : Torcente add. X
 Cond. 013 : Torcente add. Y

Carichi sismici :

Piani	Pesi	C. distr.	Forze di piano	Torc. di piano X	Torc. di piano Y	Baric. X	Baric. Y
cm	daN		daN	daNcm	daNcm	cm	cm
480.0	20719	0.3747	7764	2096255	599374	772.0	2653.1
568.0	75830	0.4434	33624	9078570	2595799	772.0	2684.1

5.6.2 Riepilogo azioni e visualizzazione grafica dei carichi

Il listato seguente, prodotto dal software, elenca tutti i carichi applicati nel modello FEM. Viene qui commentato per ogni condizione di carico e laddove permesso dal software si riportano le immagini dei carichi applicati.

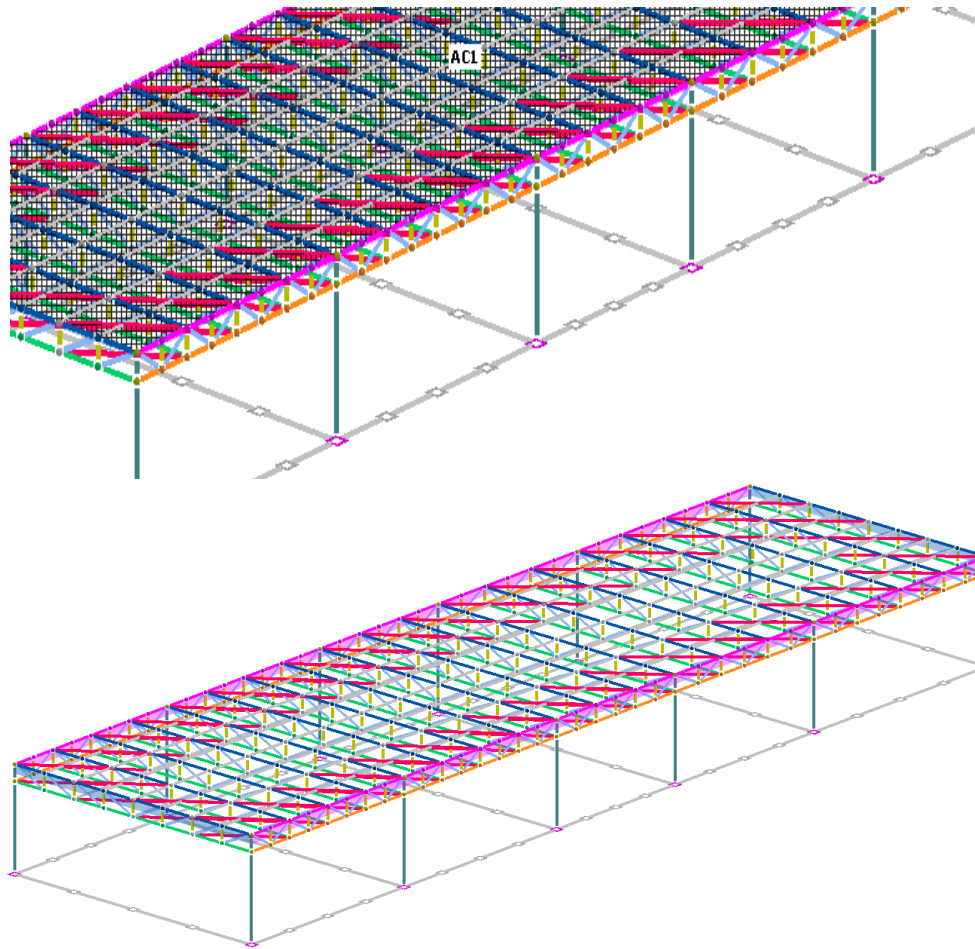
° 001) Peso proprio _____ [Peso proprio]

Il peso proprio è calcolato in automatico dal software sulla reale geometria degli elementi inseriti e in funzione del peso di volume dell'acciaio o del c.a. per le travi di fondazione.

° 002) Permanente _____ [Permanente]

286 carichi sulle aste
 198 tipo n. 001) su area ripart. per lung. Z globale -0.006 daN/cm2 su AC1 perm
 88 tipo n. 008) Carico distrib. Z globale -0.15 daN/cm carter

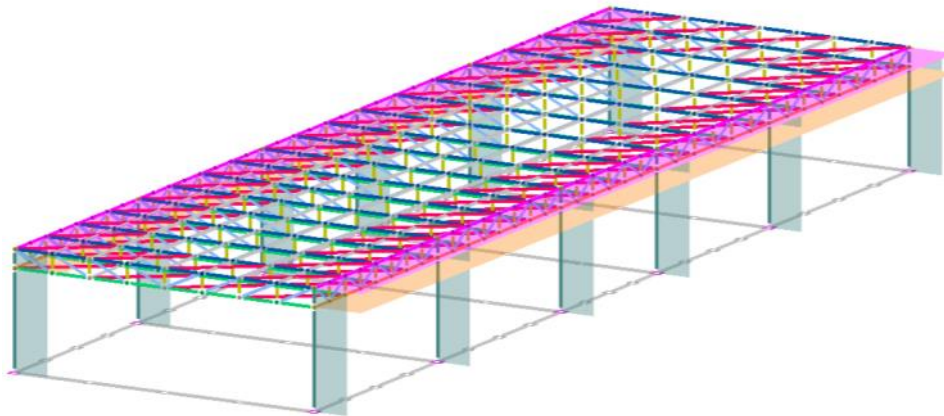
Il carico ripartito sull'area AC1 non è visualizzabile. L'area AC1 è visualizzata nella figura seguente e coincide con il piano superiore della copertura reticolare. Il carico del carter è visualizzato sulla figura successiva a quella relativa all'area di carico AC1.



° 003) Neve (<1000m_slm)___ [Neve (<1000m slm)]
 198 carichi sulle aste
 198 tipo n. 002) su area ripart. per lung. Z globale -0.014 daN/cm2 su AC1 neve

Il carico neve sull'area AC1 non è visualizzabile.

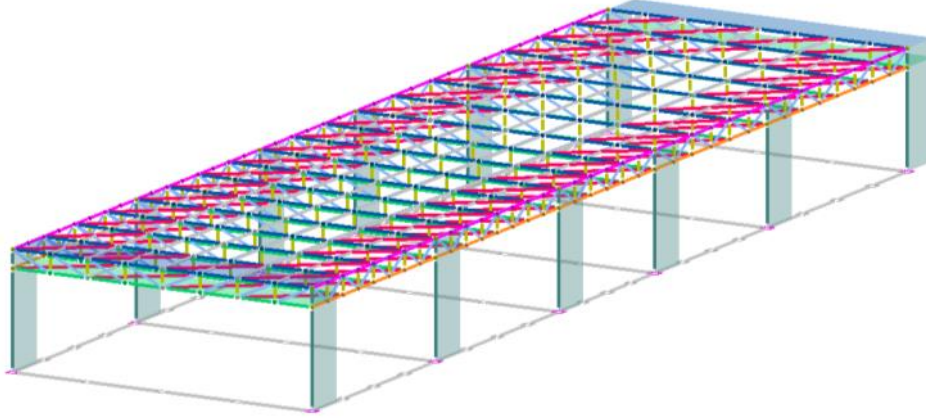
° 004) vento_x [Vento X]
 564 carichi sulle aste
 144 tipo n. 003) Carico distrib. X globale 0.75 daN/cm vento_x
 24 tipo n. 005) Carico distrib. X globale 0.52 daN/cm v_pil_x
 198 tipo n. 007) su area ripart. per lung. Z globale -0.010 daN/cm2 su AC1 ventro_vert
 198 tipo n. 010) Carico distrib. X globale 0.08 daN/cm vento_tan_x



```

° 005) vento_y [ Vento Y ]
452 carichi sulle aste
  32 tipo n. 004) Carico distrib. Y globale 0.75 daN/cm vento_y
  24 tipo n. 006) Carico distrib. Y globale 0.69 daN/cm v_pil_y
  198 tipo n. 007) su area ripart. per lungh. Z globale -0.010 daN/cm2 su AC1 ventro_vert
  198 tipo n. 011) Carico distrib. Y globale 0.08 daN/cm vento_tan_y

```



```

° 006) pp_fond [ Peso proprio fondaz ]
64 pesi propri aste

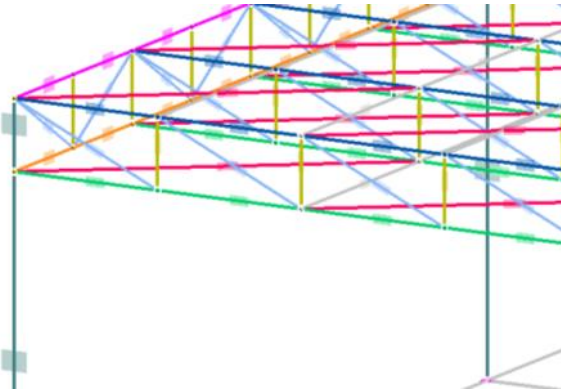
```

Il peso proprio è calcolato in automatico dal software sulla reale geometria degli elementi inseriti e in funzione del peso di volume dell'acciaio o del c.a. per le travi di fondazione.

```

° 007) termica [ Variazioni Termiche ]
1151 carichi sulle aste
  1151 tipo n. 009) Carico termico Y locale 25° sup. -> 25° inf. termica

```



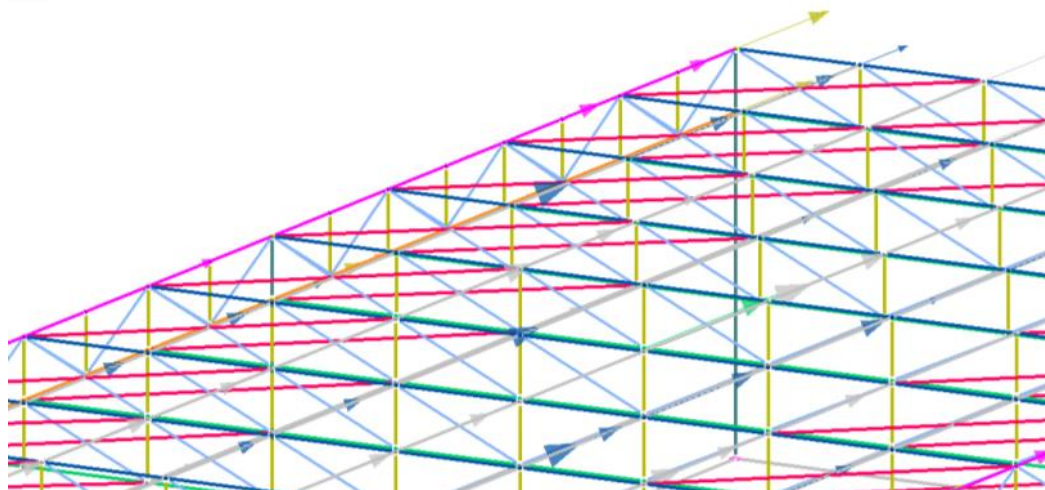
L'azione termica è visualizzata dal software come indicato nella figura seguente. Si riporta per ragioni di visibilità uno zoom su una porzione della struttura ma il carico termico è esteso alla totalità degli elementi.

```

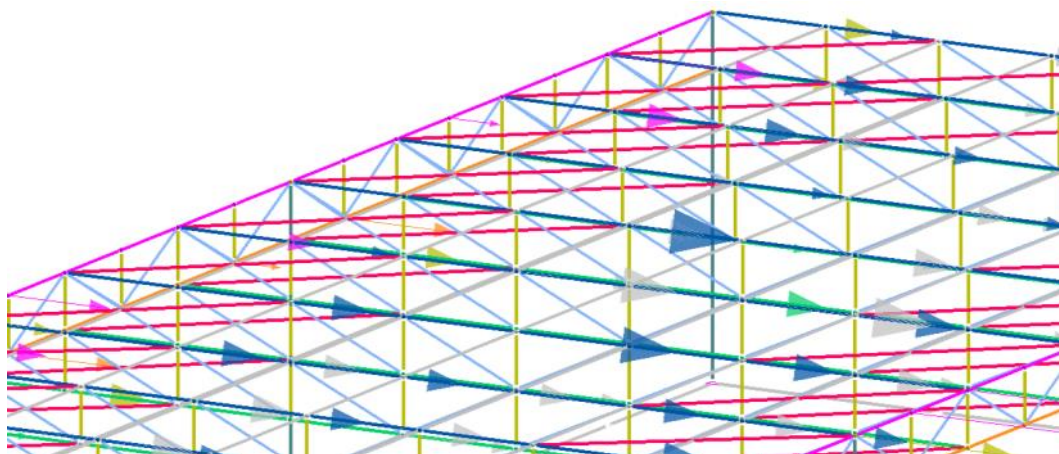
° 008) Autovett_001_(Y) [ Modo proprio Y ]
208 carichi ai nodi

```

Per ragioni di visualizzazione si riporta solo una porzione della struttura



° 009) Autovett_002_(X) [Modo proprio X]
208 carichi ai nodi



Le ultime quattro condizioni non sono visualizzabili da parte del software.

° 010) Sisma_X [Sisma X SLU (st lin)]
414 forze sismiche dir. X

° 011) Sisma_Y [Sisma Y SLU (st lin)]
414 forze sismiche dir. Y

° 012) Torcente_add_X [Torcente addiz X SLU]
414 forze sismiche dir. X

° 013) Torcente_add_Y [Torcente addiz Y SLU]
414 forze sismiche dir. Y

6. Condizioni di carico

CONDIZIONI DI CARICO	num.=
Nome	13
1 Peso_proprio_____ N. carichi: 1151 Lista carichi: 4724-5874	
2 Permanente_____ N. carichi: 286 Lista carichi: 2073-2358	
3 Neve_(<1000m_slm)___ N. carichi: 198	

Lista carichi: 2359-2556

4 vento_x N. carichi: 564
Lista carichi: 2557-3120

5 vento_y N. carichi: 452
Lista carichi: 3121-3572

6 pp_fond N. carichi: 64
Lista carichi: 5875-5938

7 termica N. carichi: 1151
Lista carichi: 3573-4723

8 Autovett_001_(Y) N. carichi: 208
Lista carichi: 1-208

9 Autovett_002_(X) N. carichi: 208
Lista carichi: 209-416

10 Sisma_X N. carichi: 414
Lista carichi: 417-830

11 Sisma_Y N. carichi: 414
Lista carichi: 831-1244

12 Torcente_add._X N. carichi: 414
Lista carichi: 1245-1658

13 Torcente_add._Y N. carichi: 414
Lista carichi: 1659-2072

RISULTANTI DEI CARICHI (punto di applicazione nell'origine degli assi):

cond.	FX	FY	FZ	MX	MY	MZ
1	0.000000E+00	0.000000E+00	-4.830374E+04	-1.281131E+08	3.729049E+07	0.000000E+00
2	0.000000E+00	0.000000E+00	-5.210864E+04	-1.406933E+08	4.022787E+07	0.000000E+00
3	0.000000E+00	0.000000E+00	-1.125576E+05	-3.039055E+08	8.689447E+07	0.000000E+00
4	2.363232E+04	0.000000E+00	-8.337622E+04	-2.251158E+08	6.434858E+07	-6.368912E+07
5	0.000000E+00	1.322304E+04	-8.337622E+04	-2.245284E+08	6.436644E+07	1.020819E+07
6	0.000000E+00	0.000000E+00	-1.203840E+06	-3.231840E+09	9.293645E+08	0.000000E+00
7	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
8	0.000000E+00	4.271720E+04	0.000000E+00	-2.266791E+06	0.000000E+00	3.308518E+07
9	4.696319E+04	0.000000E+00	0.000000E+00	0.000000E+00	2.517034E+06	-1.306179E+08
10	4.138824E+04	0.000000E+00	0.000000E+00	0.000000E+00	2.296730E+06	-1.108492E+08
11	0.000000E+00	4.138824E+04	0.000000E+00	-2.296730E+06	0.000000E+00	3.195172E+07
12	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-1.117483E+07
13	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	3.195172E+06

7. Casi di carico

NOME	DESCRIZIONE	VERIFICA	TIPO	CONDIZ. INSERITE			CASI INSERITI	
				Num.	Coeff.	Segno	Num.	Coeff.
1	SLU Max Var	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	0.750	+		
				6	1.300	+		
				7	1.500	+		
2	SLU Max Neve	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	1.500	+		
				6	1.300	+		
				7	1.500	+		
3	SLU VENTOX 1	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	0.750	+		
				4	0.900	±		
				6	1.300	+		
7	1.500	+						

Copertura area carburante - Relazione di calcolo

4	SLU VENTOX 1	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	0.750	+		
				5	0.900	±		
				6	1.300	+		
				7	1.500	+		

5	SLU VENTOX 2	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	1.500	+		
				4	0.900	±		
				6	1.300	+		
				7	1.500	+		

6	SLU VENTOX 2	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	1.500	+		
				5	0.900	±		
				6	1.300	+		
				7	1.500	+		

7	SLU VENTOX 3	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	0.750	+		
				4	1.500	±		
				6	1.300	+		
				7	1.500	+		

8	SLU VENTOX 3	S.L.U.	somma	1	1.300	+		
				2	1.500	+		
				3	0.750	+		
				5	1.500	±		
				6	1.300	+		
				7	1.500	+		

9	SISMAX SLU	nessuna	somma	9	1.000	quadr.		
				12	1.000	±		

10	SISMAY SLU	nessuna	somma	8	1.000	quadr.		
				13	1.000	±		

11	SLU con SISMAX PRINC	S.L.U.	somma	1	1.000	+	9	1.000
				2	1.000	+	10	0.300
				6	1.000	+		

12	SLU con SISMAY PRINC	S.L.U.	somma	1	1.000	+	10	1.000
				2	1.000	+	9	0.300
				6	1.000	+		

13	SLD con SISMAX PRINC	S.L.Danno	somma	1	1.000	+	9	0.422
				2	1.000	+	10	0.127
				6	1.000	+		

14	SLD con SISMAY PRINC	S.L.Danno	somma	1	1.000	+	10	0.422
				2	1.000	+	9	0.127
				6	1.000	+		

15	SLUGeo Max Var	SLU_GEO	somma	1	1.000	+		
				2	1.300	+		
				3	0.650	+		
				6	1.000	+		
				7	1.300	+		

16	SLUGeo Max Neve	SLU_GEO	somma	1	1.000	+		
				2	1.300	+		
				3	1.300	+		
				6	1.000	+		
				7	1.300	+		

17	SLUGeo VENTOX 1	SLU_GEO	somma	1	1.000	+		
				2	1.300	+		
				3	0.650	+		
				4	0.780	±		
				6	1.000	+		
				7	1.300	+		

Copertura area carburante - Relazione di calcolo

18	SLUGeo VENTOY 1	SLU_GEO	somma	1	1.000	+		
				2	1.300	+		
				3	0.650	+		
				5	0.780	±		
				6	1.000	+		
				7	1.300	+		
19	SLUGeo VENTOX 2	SLU_GEO	somma	1	1.000	+		
				2	1.300	+		
				3	1.300	+		
				4	0.780	±		
				6	1.000	+		
				7	1.300	+		
20	SLUGeo VENTOY 2	SLU_GEO	somma	1	1.000	+		
				2	1.300	+		
				3	1.300	+		
				5	0.780	±		
				6	1.000	+		
				7	1.300	+		
21	SLUGeo VENTOX 3	SLU_GEO	somma	1	1.000	+		
				2	1.300	+		
				3	0.650	+		
				4	1.300	±		
				6	1.000	+		
				7	1.300	+		
22	SLUGeo VENTOY 3	SLU_GEO	somma	1	1.000	+		
				2	1.300	+		
				3	0.650	+		
				5	1.300	±		
				6	1.000	+		
				7	1.300	+		
23	Rara	Rara	somma	1	1.000	+		
				2	1.000	+		
				3	0.500	+		
				6	1.000	+		
				7	1.000	+		
24	Rara VentoX 1	Rara	somma	1	1.000	+		
				2	1.000	+		
				3	0.500	+		
				4	0.600	±		
				6	1.000	+		
				7	1.000	+		
25	Rara VentoY 1	Rara	somma	1	1.000	+		
				2	1.000	+		
				3	0.500	+		
				5	0.600	±		
				6	1.000	+		
				7	1.000	+		
26	Rara VentoX 2	Rara	somma	1	1.000	+		
				2	1.000	+		
				3	1.000	+		
				4	0.600	±		
				6	1.000	+		
				7	0.600	+		
27	Rara VentoY 2	Rara	somma	1	1.000	+		
				2	1.000	+		
				3	1.000	+		
				5	0.600	±		
				6	1.000	+		
				7	0.600	+		
28	Rara VentoX 3	Rara	somma	1	1.000	+		
				2	1.000	+		
				3	0.500	+		
				4	1.000	±		

				6	1.000	+		
				7	0.600	+		
29	Rara VentoY 3	Rara	somma	1	1.000	+		
				2	1.000	+		
				3	0.500	+		
				5	1.000	±		
				6	1.000	+		
				7	0.600	+		
30	Frequente 1	Freq.	somma	1	1.000	+		
				2	1.000	+		
				6	1.000	+		
				7	0.500	+		
31	Frequente 2	Freq.	somma	1	1.000	+		
				2	1.000	+		
				3	0.200	+		
				6	1.000	+		
32	Frequente VentoX 3	Freq.	somma	1	1.000	+		
				2	1.000	+		
				4	0.200	±		
				6	1.000	+		
33	Frequente VentoY 3	Freq.	somma	1	1.000	+		
				2	1.000	+		
				5	0.200	±		
				6	1.000	+		
34	Quasi Perm	QuasiPerm.	somma	1	1.000	+		
				2	1.000	+		
				6	1.000	+		

8. Modellazione agli elementi finiti

L'analisi delle sollecitazioni e le verifiche, sia strutturali che geotecniche (fatta eccezione per i nodi strutturali in acciaio calcolati con un foglio di verifica esterno), sono state condotte assemblando un modello agli elementi finiti di cui si riporta un'immagine.

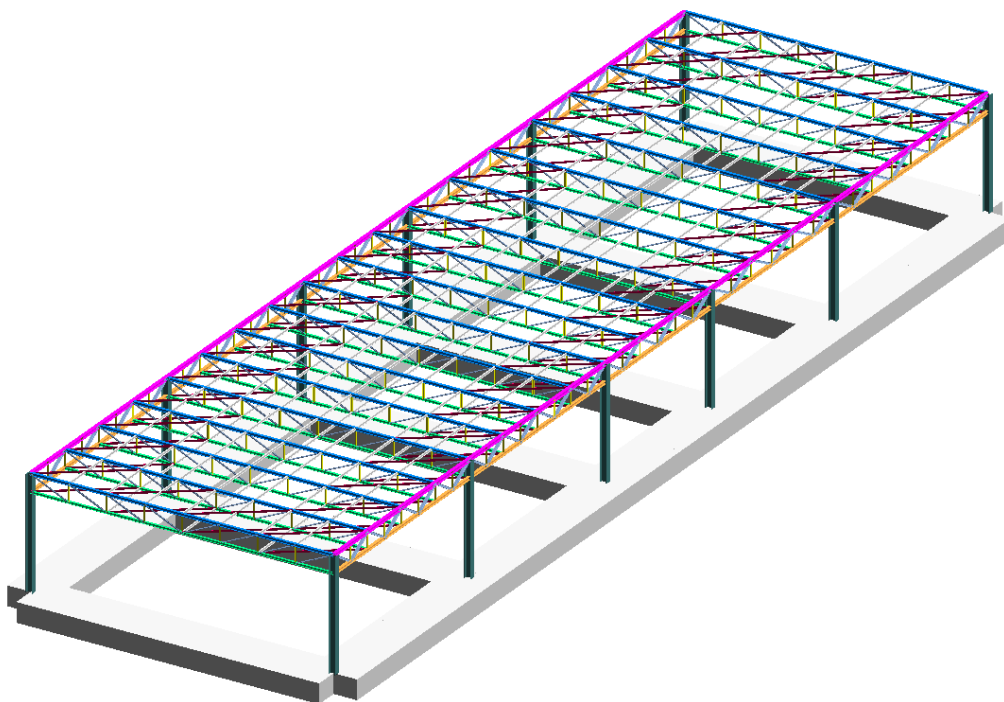


Figura 4: modello agli elementi finiti con ingombri

Gli elementi con comportamento del tipo “tirante” sono stati introdotti solo in una direzione al fine di non considerarne l’efficacia a compressione.

Le travi di fondazione sono state progettate al fine di avere un comportamento di travi rigide secondo quanto riportato nel testo “Fondazioni” di R. Lancellotta e J. Calavera edito da McGraw-Hill (1999). Le travi di fondazione possono essere considerate infinitamente rigide ai fini delle distribuzioni delle tensioni sul terreno se vale la relazione seguente:

$$l_n \leq 1.75 \times [(4 \times EJ) / (k_1 \times b)]^{1/4}$$

dove:

- l_n è la luce netta della trave considerata;
- EJ è la rigidezza flessionale della trave;
- k_1 è il coefficiente di Winkler;
- b è la larghezza di base della trave di fondazione;

il valore di k_1 si assume pari a (Vesic 1965):

$$k_1 = 1/b \times 0.65 \times E_t / (1 - \nu_t^2) \times [(E_t \times b^4)/(EJ)]^{1/12}$$

dove:

- E_t è il modulo elastico del terreno di Fondazione;
- ν è il modulo di Poisson del terreno di fondazione.

Dalla relazione geotecnica si desumono i seguenti valori:

$$\begin{aligned} E_t &= 175 \text{ daN/cm}^2 \\ \nu &= 0.5 \end{aligned}$$

8.1 Schematizzazione della sovrastruttura e dei vincoli

Le analisi di sollecitazione e le verifiche sono state condotte utilizzando il software Dolmen Win release 16 prodotto e distribuito dalla CDM Dolmen srl con sede in Torino.

I modelli matematici delle strutture analizzate sono stati realizzati utilizzando elementi monodimensionali e bidimensionali secondo i criteri che seguono. Le travi sono modellate con elementi monodimensionali, con comportamento alla Winkler in fondazione.

Nel modello sono stati altresì utilizzati elementi che non hanno un significato fisico, e quindi non modificano la matrice di rigidezza della struttura, ma hanno il solo compito di distribuire i carichi applicati sugli elementi sui quali insistono. Nello specifico sono stati utilizzati i seguenti elementi.

8.2 Modellazione dei materiali

I materiali considerati hanno comportamento elastico lineare in fase di calcolo delle sollecitazioni. Si considerano invece le leggi costitutive elasto-plastiche di normativa nelle verifiche sezionali.

8.3 Modellazione dei vincoli esterni e degli svincoli interni

I vincoli esterni sono considerati puntuali e sono costituiti da vincoli rigidi o da molle a comportamento elastico lineare a simulare il suolo elastico alla Winkler.

8.4 Validazione del codice di calcolo

Dolmen per Windows è un sistema integrato di procedure dedicate alla progettazione civile e strutturale. Il modello agli elementi finiti può essere assemblato facendo uso di elementi monodimensionali di tipo beam e elementi bidimensionali di tipo shell. È possibile simulare qualsiasi tipo di vincolo interno e esterno nonché travi di fondazione su suolo elastico con comportamento alla Winkler. A corredo del programma è fornito un dettagliato manuale di funzionamento con esempi svolti. La verifica della bontà dei risultati è effettuata a ogni analisi tramite il rapporto tra l'energia di deformazione elastica degli elementi strutturali e il lavoro compiuto dalle forze agenti. Tale rapporto, per la Scienza delle Costruzioni, deve essere pari all'unità. Un risultato diverso indica una labilità presente o potenziale nella matrice di rigidezza della struttura. Questo parametro è fornito per ogni singola condizione di carico e consente di evidenziare eventuali singolarità nel modello a ogni analisi. Il codice di calcolo DOLMEN WIN è prodotto, distribuito ed assistito dalla CDM DOLMEN srl, con sede in Torino, Via B. Drovetti 9F. La società produttrice è presente da anni nell'ambito dei programmi di calcolo per l'ingegneria. Gli sviluppatori sono tutti ingegneri civili laureati presso il Politecnico di Torino, con vasta esperienza professionale nel settore delle costruzioni e dell'analisi strutturale. La procedura è sviluppata in ambiente Windows, ed è stata scritta utilizzando i linguaggi FORTRAN, C++ e BASIC. Il solutore ad elementi finiti è stato scritto all'interno della società, collaudandolo tramite confronto con esempi di calcolo dotati di soluzione analitica e con altri codici di analisi. In particolare, essendo nato il solutore nella seconda metà negli anni '80 su workstation in ambiente UNIX, si è fatto ricorso al programma ad elementi finiti HERCULE, della SOCOTEC (Francia). DOLMEN WIN permette l'analisi elastica lineare di strutture

tridimensionali con nodi a sei gradi di libertà utilizzando un solutore ad elementi finiti. Gli elementi considerati sono la trave (elemento BEAM), con eventuali svincoli interni o rotazione attorno al proprio asse, ed il guscio (elemento SHELL), sia rettangolare che triangolare, avente comportamento di membrana e di piastra. La matrice di rigidezza dei gusci quadrangolari è ottenuta per condensazione di quattro gusci triangolari con vertice interno in comune. I carichi possono essere applicati sui nodi, sulle travi e sui gusci come forze (distribuite, trapezie, concentrate), coppie e distorsioni termiche. I vincoli esterni sono definiti tramite le sei costanti di rigidezza elastica. Eventuali analisi sismiche possono essere effettuate sia in regime statico che dinamico tramite analisi modale, con o senza presa in conto di piani orizzontali rigidi. Il calcolo delle forze sismiche ed il successivo dimensionamento degli elementi resistenti può avvenire sia secondo il DM 16.01.96, sia secondo le Nuove Norme Tecniche 2008.

I riferimenti bibliografici fondamentali usati nella scrittura del codice sono stati i seguenti:

- O. C. Zienkiewicz, “The Finite Element Method”, Third Edition, McGraw-Hill
- V. I. Carbone – D. Munari, “Analisi Strutturale per il Calcolo Automatico”, Levrotto & Bella
- M. Como – G. Lanni, “Elementi di Costruzioni Antisismiche”, Cremonese

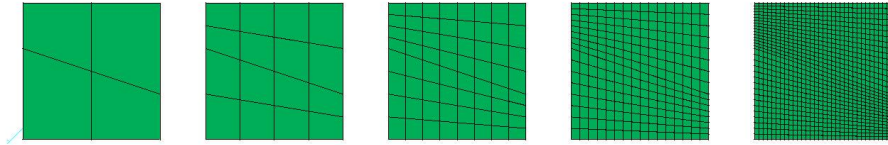
L'affidabilità del codice di calcolo è garantita dall'esistenza di un'ampia documentazione di supporto, composta da un manuale d'uso contenente fra l'altro più esempi dettagliati di calcolo e da una vasta serie di test di validazione, sia su esempi classici di Scienza delle Costruzioni, sia su strutture particolarmente impegnative e reperibili nella bibliografia specializzata. La validità del programma è suffragata da anni di uso intensivo presso centinaia di utenti in tutta Italia e all'estero. Inoltre la presenza di un modulo CAD per l'introduzione di dati permette la visualizzazione dettagliata degli elementi introdotti. È possibile ottenere rappresentazioni grafiche di deformate e sollecitazioni della struttura, ed al termine dell'elaborazione viene valutata la qualità della soluzione, in base all'uguaglianza del lavoro esterno e dell'energia di deformazione. DOLMEN WIN è dotato inoltre di moduli a corredo del solutore principale, che consentono il progetto e la verifica di membrature in acciaio, di travi, pilastri e piastre in calcestruzzo, di pareti in muratura portante. Tali moduli leggono direttamente le sollecitazioni prodotte dal solutore e producono disegni e relazioni di calcolo secondo le ultime normative vigenti.

Si riportano di seguito alcuni test effettuati dalla casa produttrice sul corretto funzionamento del programma confrontando i risultati ottenuti dal calcolo con i risultati teorici. Dai test si evince l'affidabilità del codice di calcolo, i cui risultati presentano un'approssimazione contenuta entro limiti accettabili.

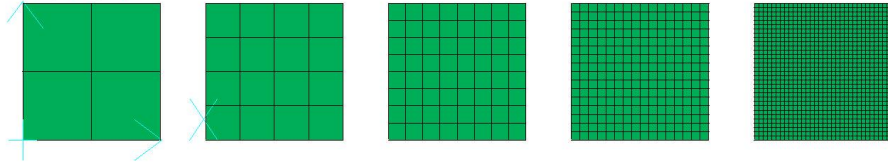
Assonometria 30,30

MODELLAZIONE DI PIASTRA QUADRATA
INCASTRATA AI LATI

MESH IRREGOLARE



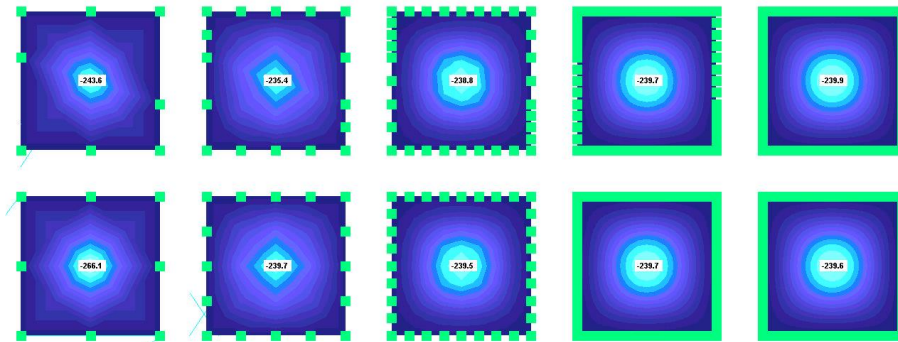
MESH REGOLARE



DATI:
dimensioni 600x600 cm
spessore 30 cm
 $E = 300000 \text{ kg/cm}^2$
 $\nu = 0.2$
 $q = 1000 \text{ kg/m}^2$

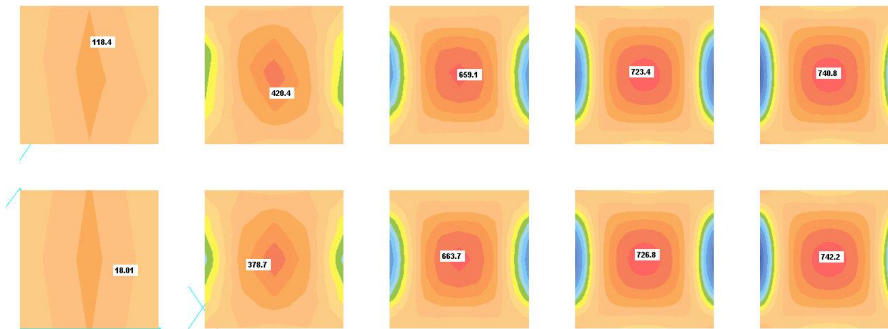
Piano XY Z = 0 cm

SPOSTAMENTI (micron)
Valore ricavato da tabelle = 232.2 micron
errore = 3.1%



Piano XY Z = 0 cm

MOMENTI FLETTENTI X (kgcm/cm)
valore da tabelle = 768.96 kgcm/cm
errore = 3.4%



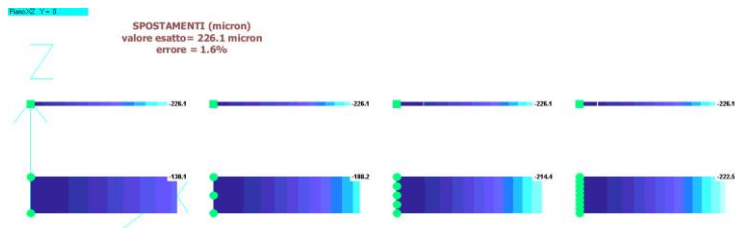
MODELLAZIONE DI TRAVE A MENSOLA
 luce = 2 m
 b x h = 30x50

DATI:
 E = 300000 kg/cm²
 ν = 0.2
 G = 125000 kg/cm²
 q = 1000 kg/m

Modelli con elementi TRAVE



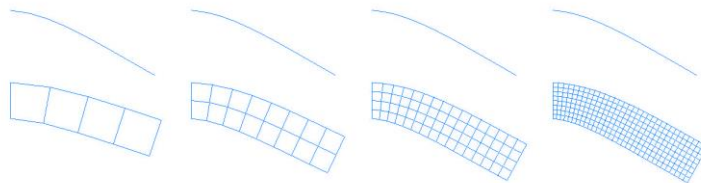
Modelli con elementi GUSCIO BIDIMENSIONALE



NB: l'elemento finito ASTA è "perfetto" in quanto le funzioni interpolatrici interne sono esatte.
 Pertanto i risultati delle aste NON dipendono dalla loro schematizzazione, più o meno fitta.

Piano Z: Y = 0

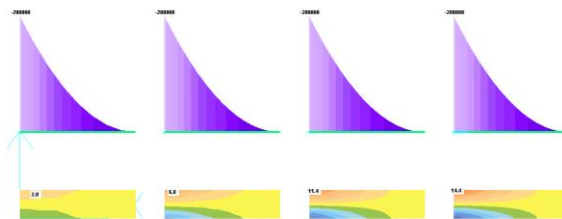
VISUALIZZAZIONE DELLA DEFORMATA



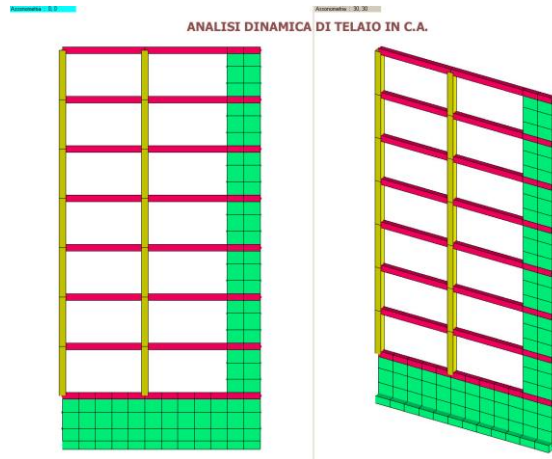
Il calcolo tiene conto della deformabilità a taglio: trascurandola si ottiene il risultato "manuale"
 pari a 213 micron (= $pl^4/8EI$)

Piano Z: Y = 0

MOMENTI (kgcm)
 e **TENSIONI (kg/cm²)**



Tensione calcolata ad
 x = 3.12 cm ed y = 48.96 cm
 Valore teorico = 15.1 kg/cm²
 errore = 4.8 %



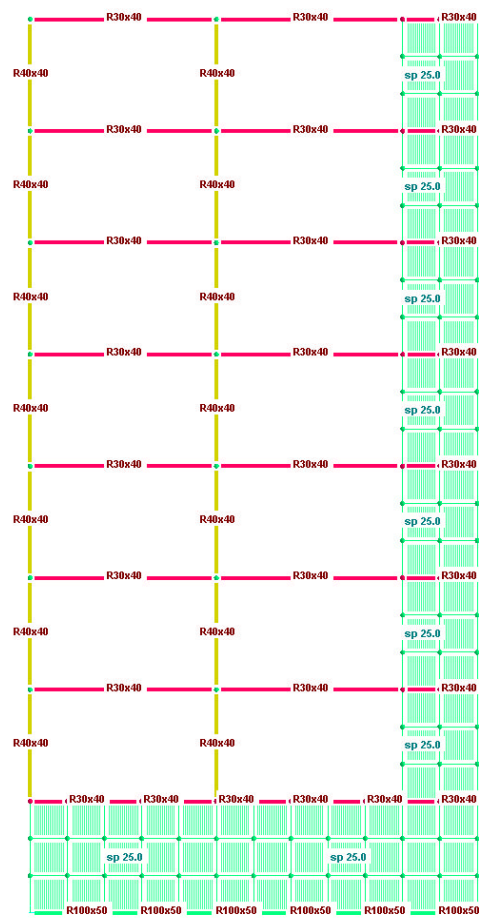
**TELAIO SISMICO:
DATI GEOMETRICI**

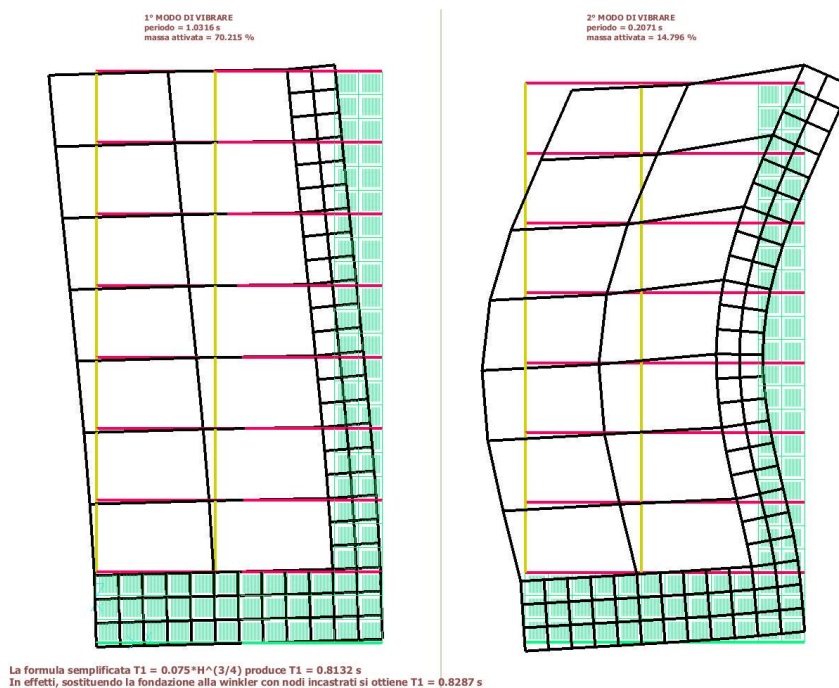
H piano = 3 m
L travi = 5 m
L setto = 2 m

CARICHI:
3000 kg/m ad ogni piano

MATERIALE:
E = 300000 kg/cm²
nu = 0.2
G = 125000 kg/cm²

In fondazione: k winkler = 5 kg/cm³





8.5 Validazione del modello di calcolo

Questo paragrafo è dedicato alla validazione del modello di calcolo. La validazione è condotta verificando “a campione” la risultante dei carichi applicati e l’equilibrio a un nodo sotto una certa condizione di carico. In aggiunta si riporta qui di seguito il tabulato del software relativo al check del modello che, come mostrato, non evidenzia errori:

```
CHECK DATABASE (N=nomenodo; A=nomeasta; G=nomeguscio - N0 e A0 sono punti e linee)
Nodi più vicini :
  numero nodi= 486 - numero punti =0 - nodi più vicini: :(N4 ,N3); distanza 88.000000 cm
Per la struttura non sono stati definiti livelli rigidi
```

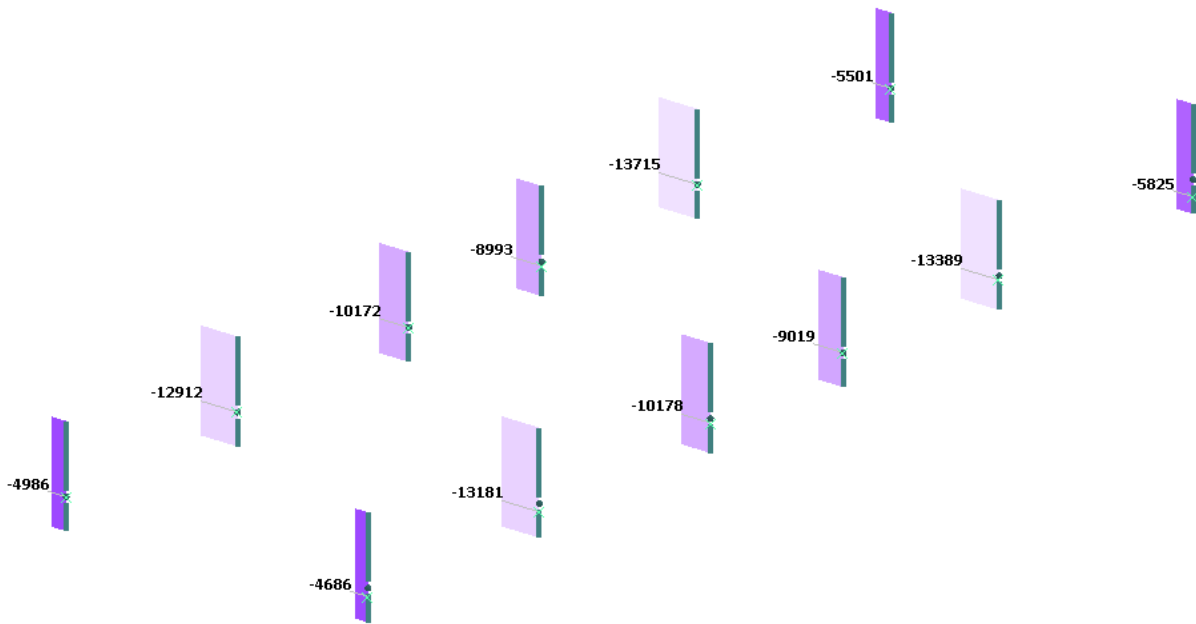
Si considera l’azione della neve pari a 135 daN/m^2 . La superficie totale della copertura nel modello di calcolo è di:

$$A = 15.44 \text{ m} \times 54.00 \text{ m} = 833.76 \text{ m}^2$$

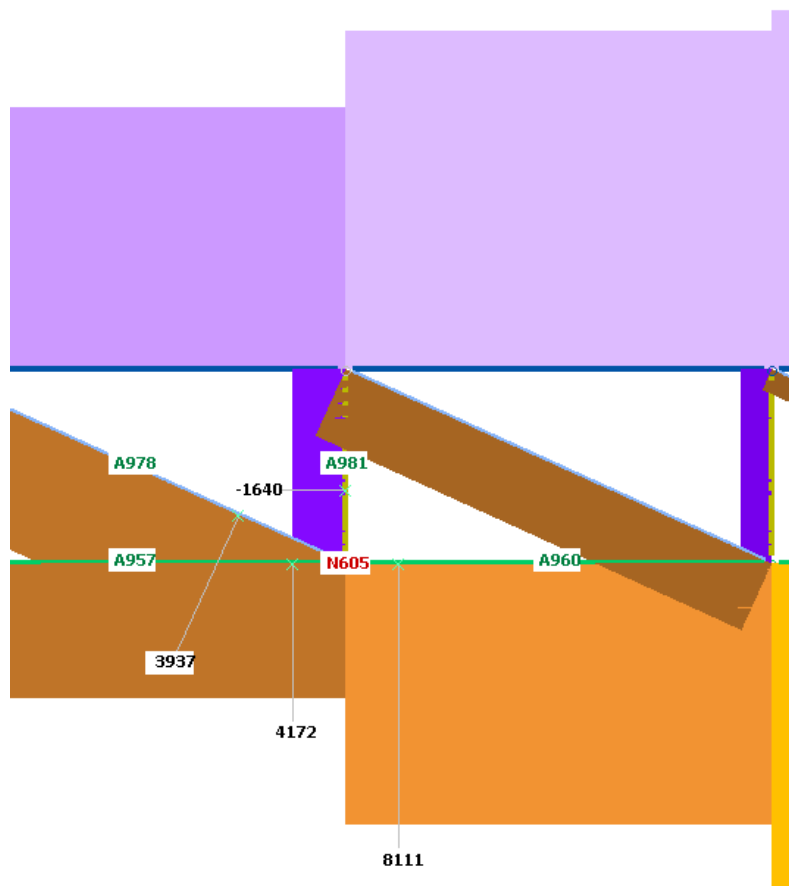
La figura seguente mostra gli sforzi normali nei pilastri dovuti esclusivamente all’azione caratteristica della neve. Si ha un totale di ([daN]):

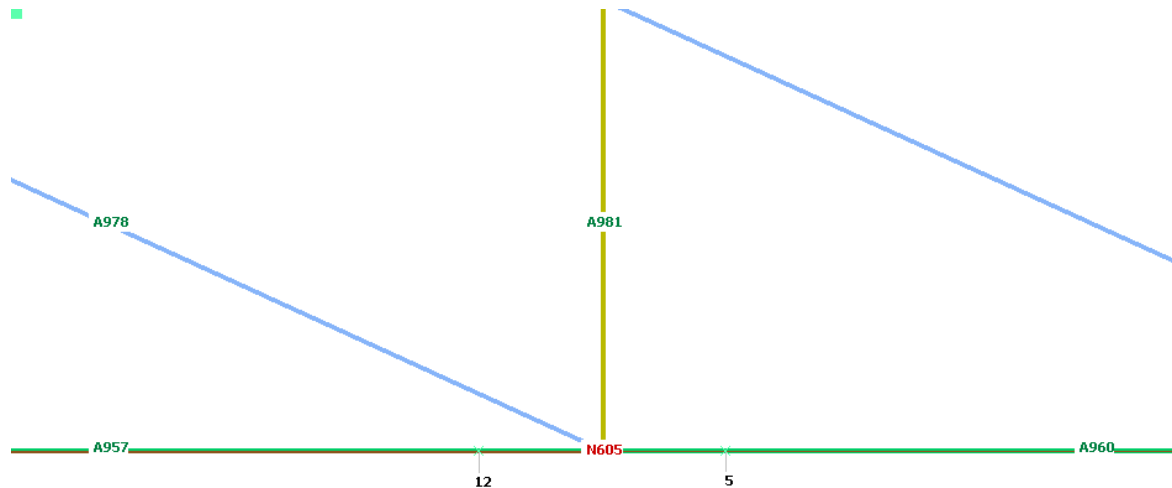
$$4986+12912+10172+8993+13715+5501+4686+13181+10178+9019+13389+5825=112557$$

con un carico per unità di superficie di $q=112557/833.76=134.99928 \text{ daN/m}^2$ pari all’azione per unità di superficie inserita di 135 daN/m^2 .



Si riporta l'equilibrio al nodo N605 sotto l'azione della neve. Le aste che convergono sono la A957, A978, A981 e A960. L'angolo formato dall'asta A978 con l'elemento A957 è pari a 24.511° . Si riportano i diagrammi di sforzo normale e taglio:





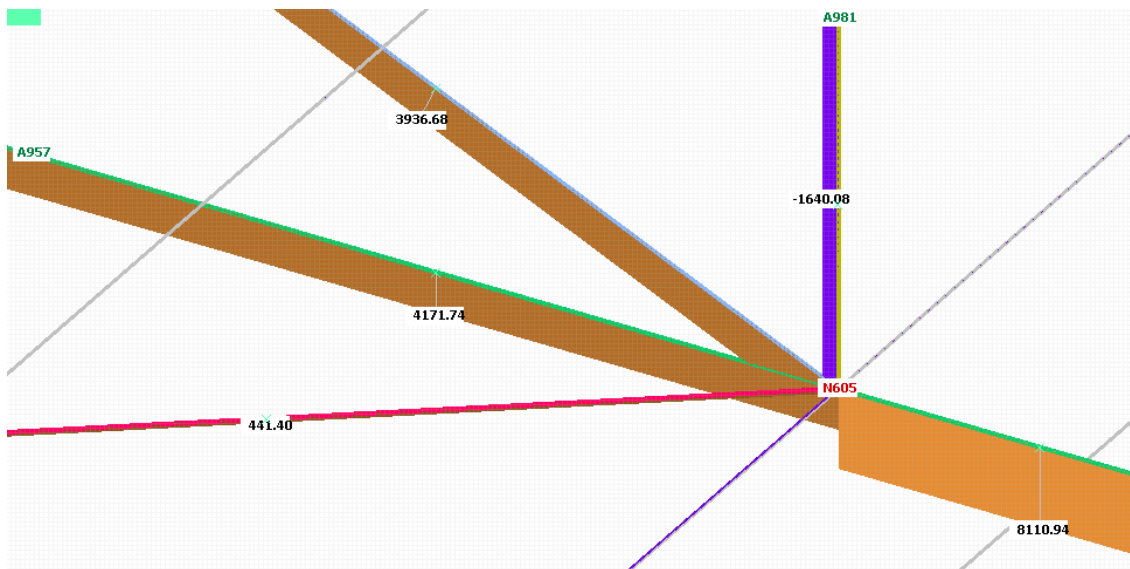
Equilibrio alla traslazione verticale:

$$-1640 + 3937 \times \sin(24.511) - 5 + 12 = -0.33 \text{ daN} \approx 0 \quad \rightarrow \quad \text{l'equilibrio è soddisfatto}$$

Equilibrio alla traslazione orizzontale:

$$-4172 + 8111 - 3937 \times \cos(24.511) = 357 \text{ daN}$$

Questa risultante non nulla deve essere equilibrata dallo sforzo normale del tirante nel piano orizzontale qui di seguito mostrato pari a 441.40 daN:



L'angolo formato dal tirante con l'asta A957 è di 35.9567° da cui:

$$441.40 \times \cos(35.9567) = 357.30 \text{ daN} \approx 357 \text{ daN} \quad \rightarrow \quad \text{l'equilibrio è soddisfatto}$$

9. Calcolo inflessione degli elementi della copertura

Come si evince dalla figura seguente, al netto degli spostamenti verticali di moto rigido pari a 0.5 cm, l'inflessione massima degli elementi di copertura è, in combinazione frequente, pari a 2.1 cm, corrispondente a circa 1/735 della luce:

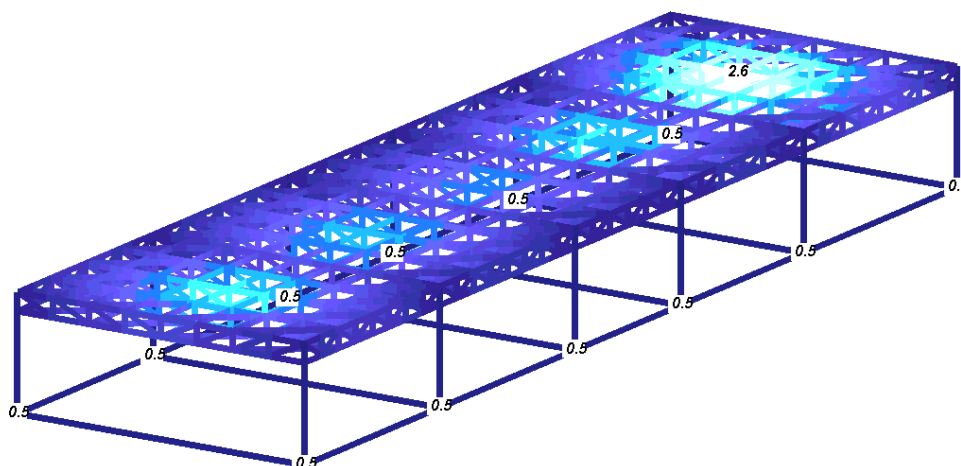
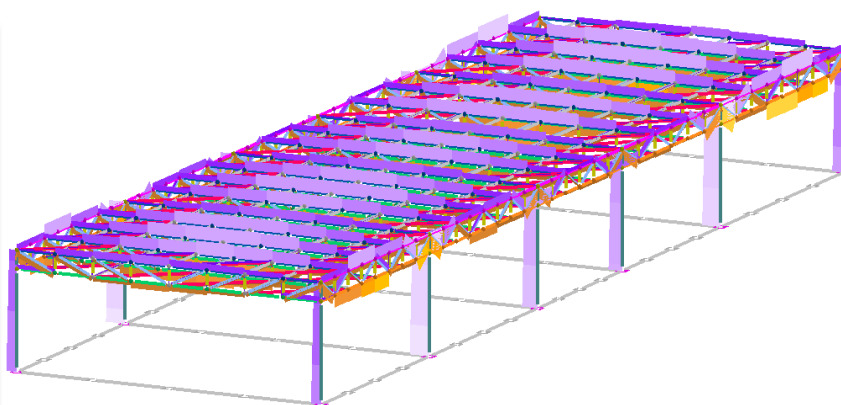
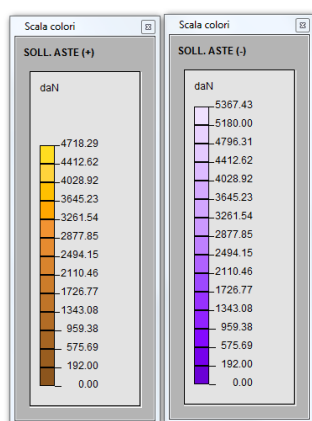


Figura 5: involucro nelle combinazioni frequenti degli spostamenti verticali

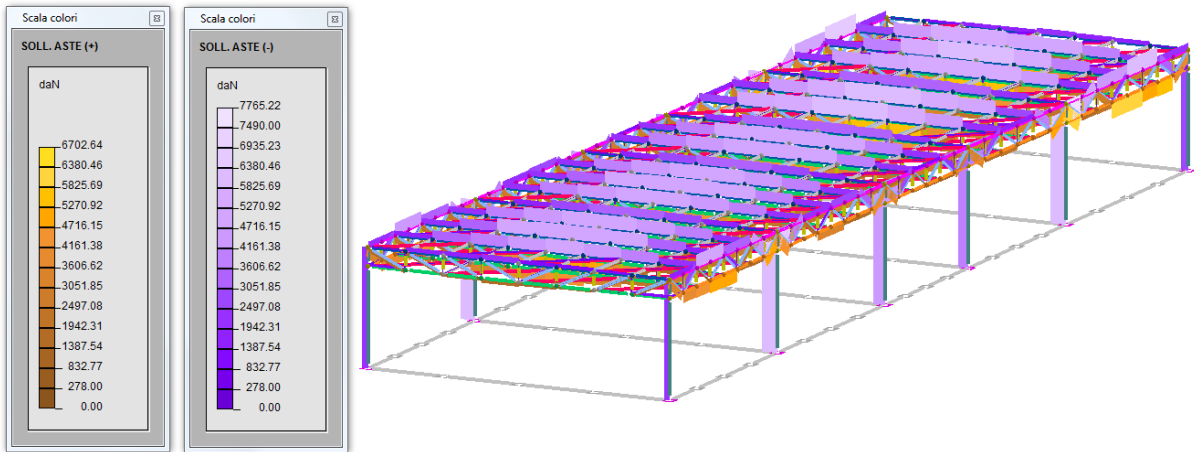
10. Sollecitazioni ottenute

Si riportano i diagrammi di sforzo normale nelle diverse condizioni di carico e le sollecitazioni flettenti nei pilastri nell'involucro SLU/SLV.

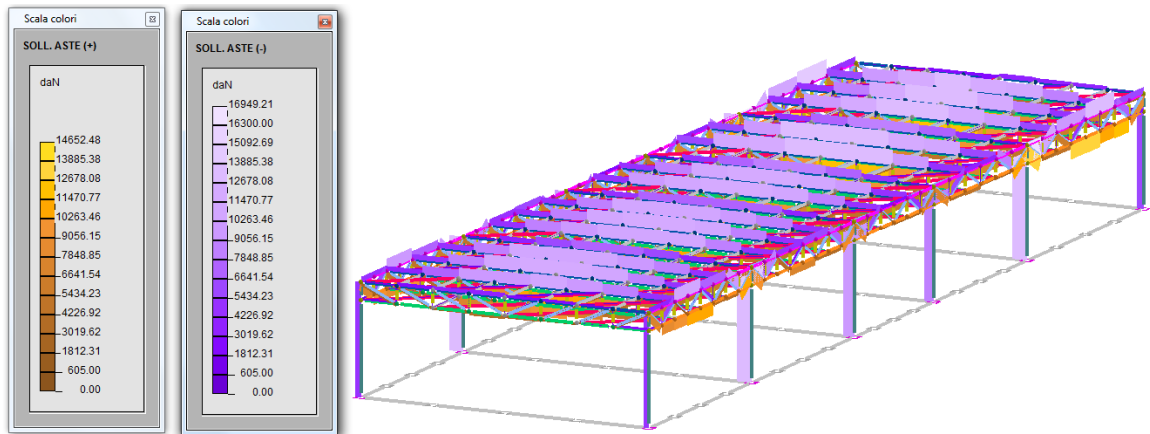
10.1 Pesì propri strutturali



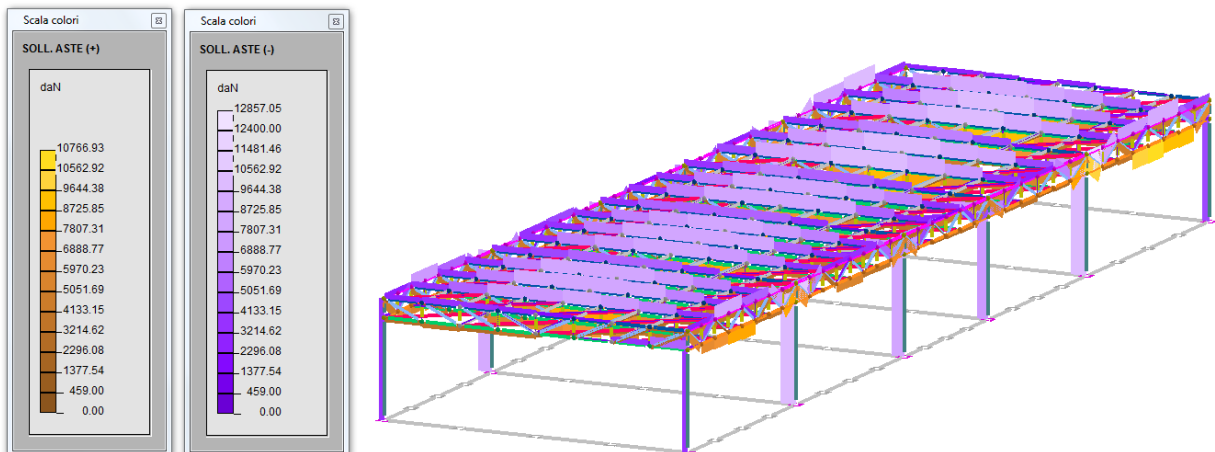
10.2 Permanenti portati



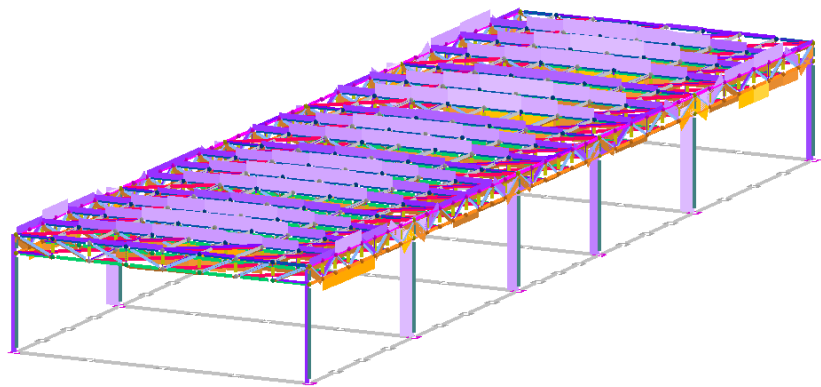
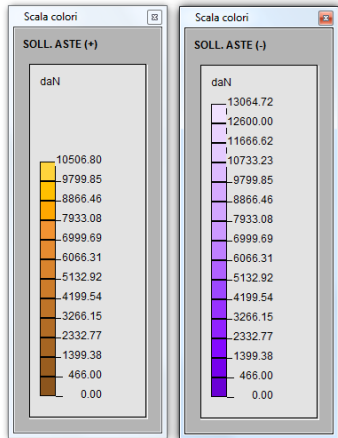
10.3 Neve



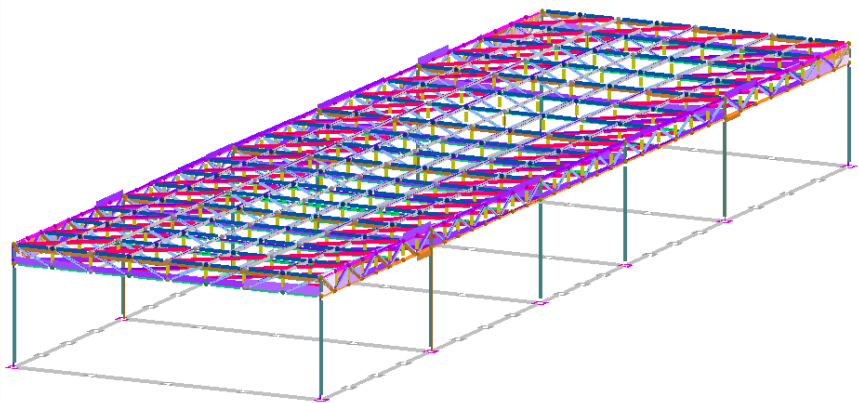
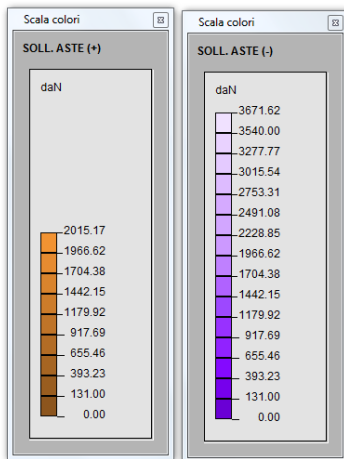
10.4 Vento direzione x



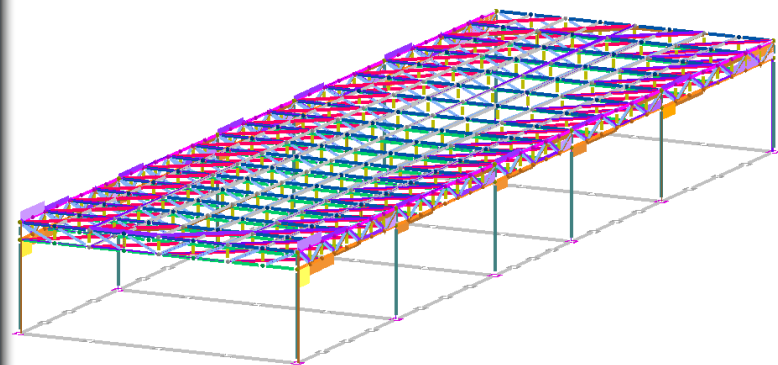
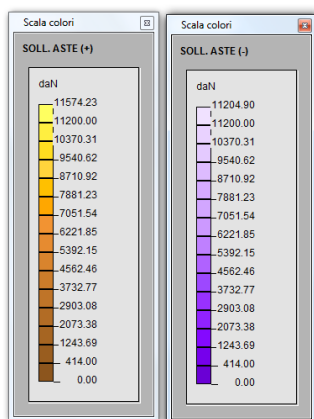
10.5 Vento direzione y



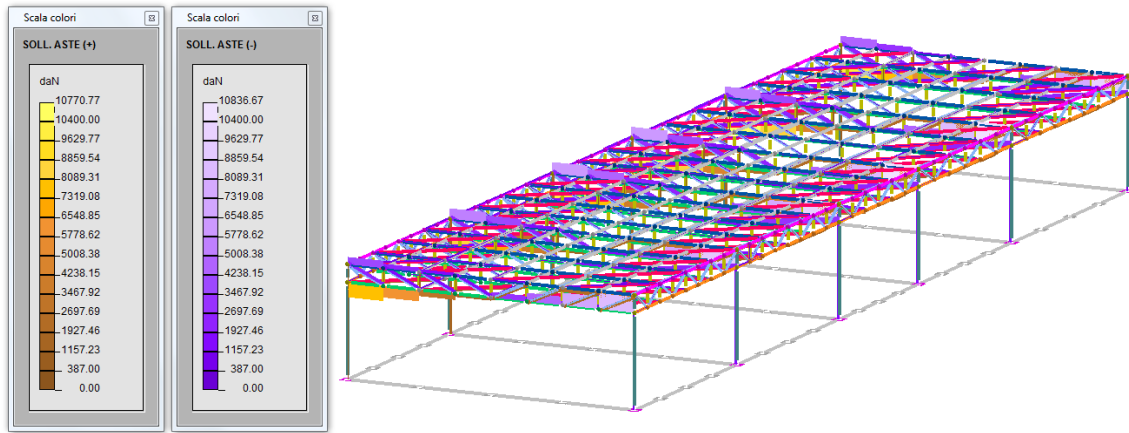
10.6 Azione termica



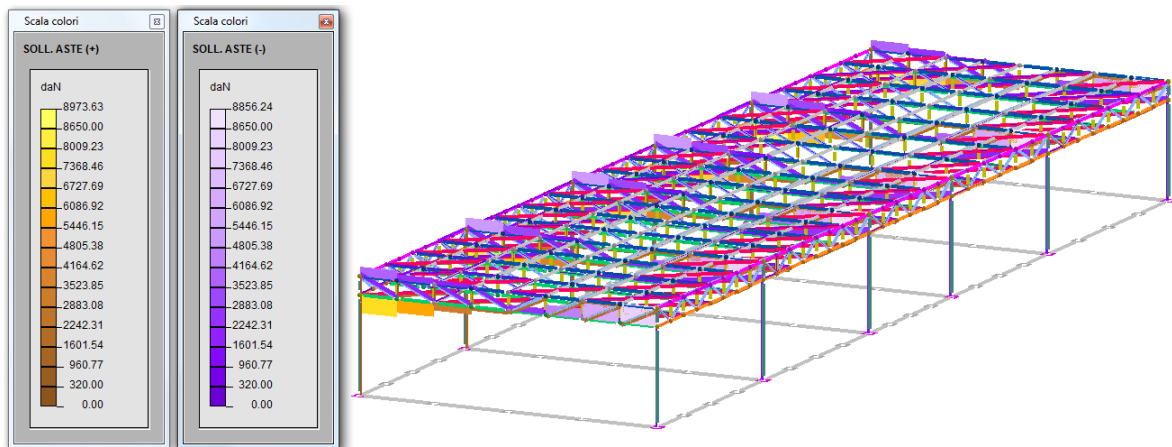
10.7 Autovettore 1



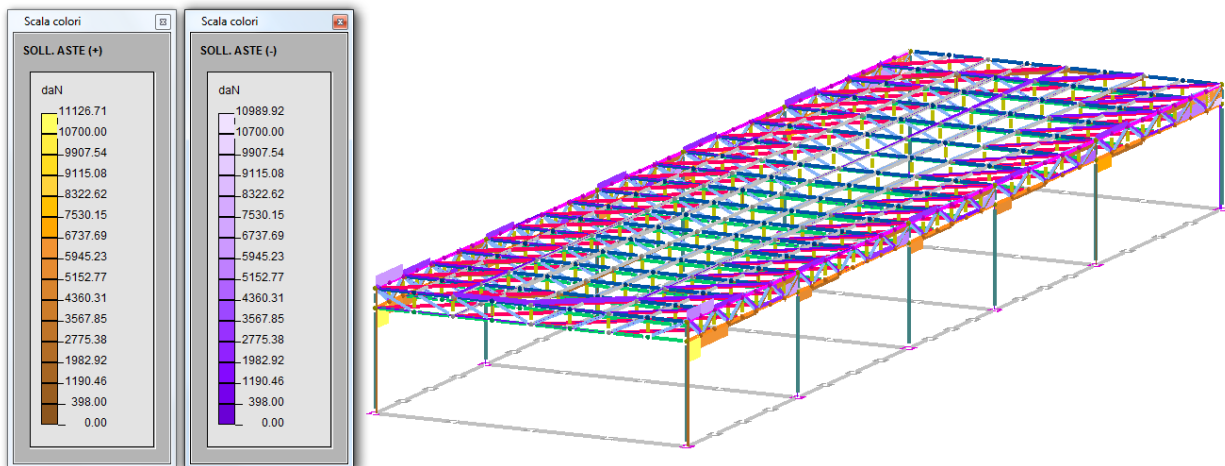
10.8 Autovettore 2



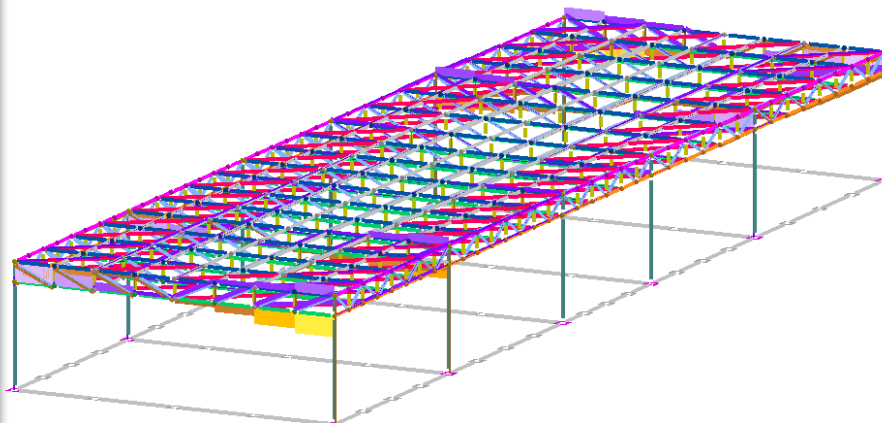
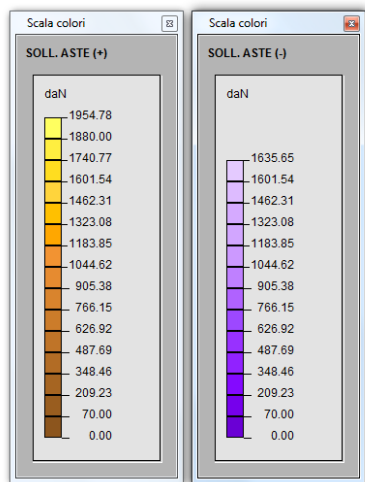
10.9 Sisma x



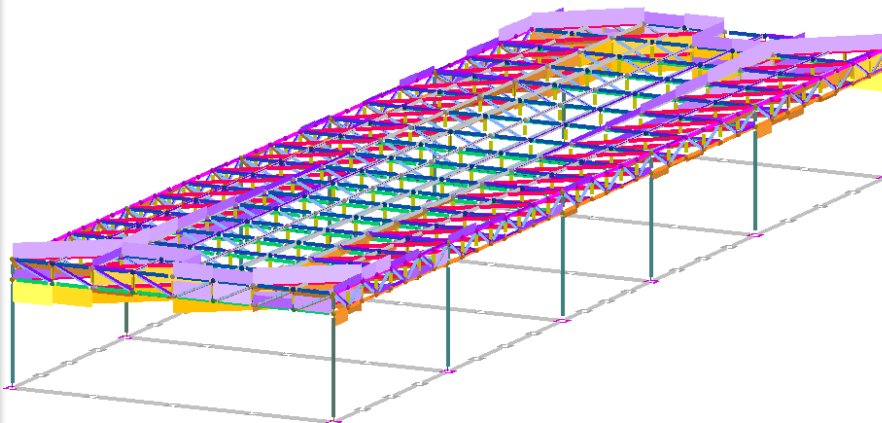
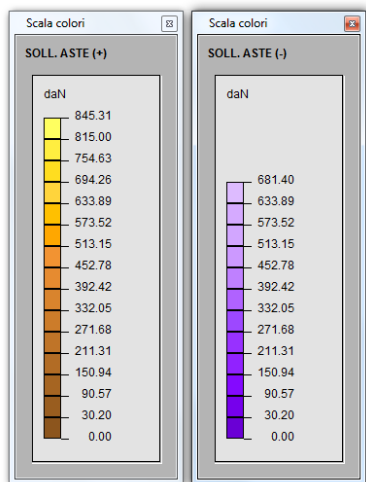
10.10 Sisma y



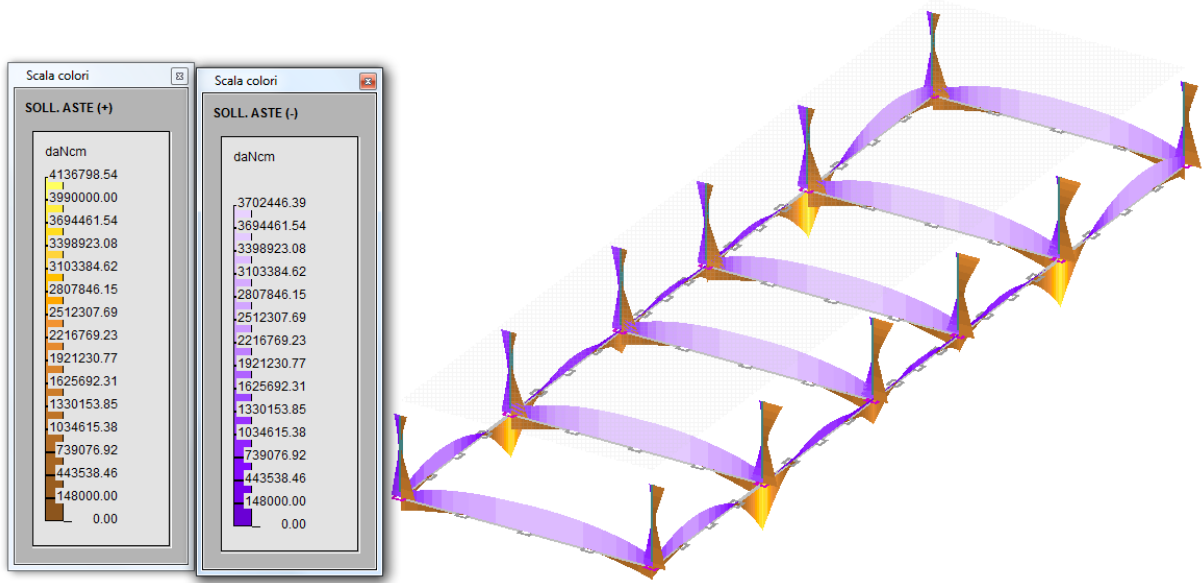
10.11 Torcente x



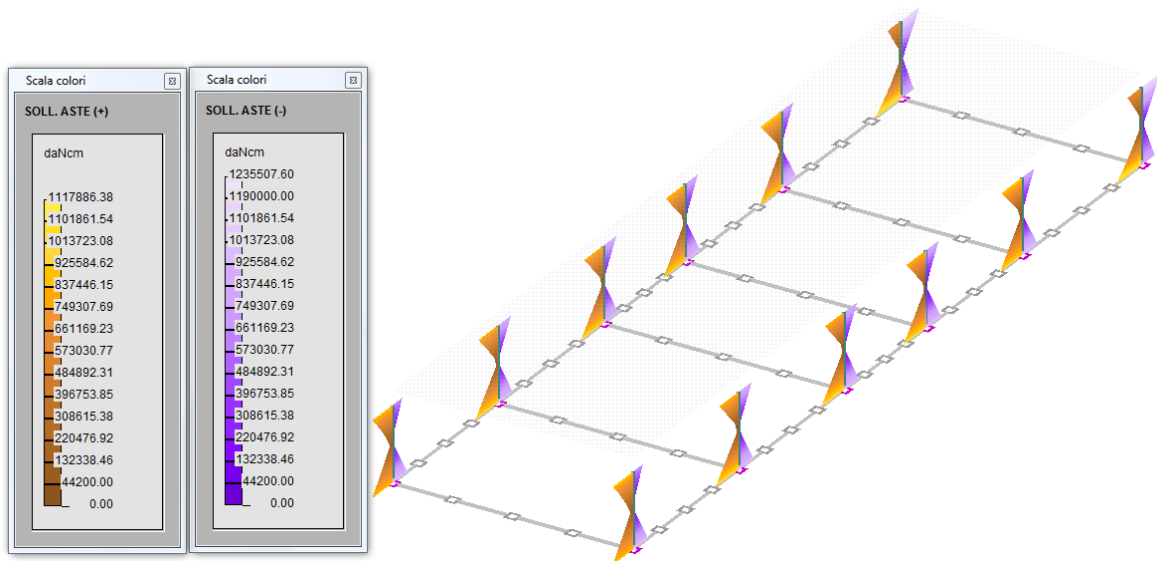
10.12 Torcente y



10.13 Involuppo SLU/SLV momento flettente direzione 1



10.14 Involuppo SLU/SLV momento flettente direzione 2



11. Verifica SLU/SLV elementi strutturali

11.1 Numerazione elementi

11.1.1 Travi di fondazione

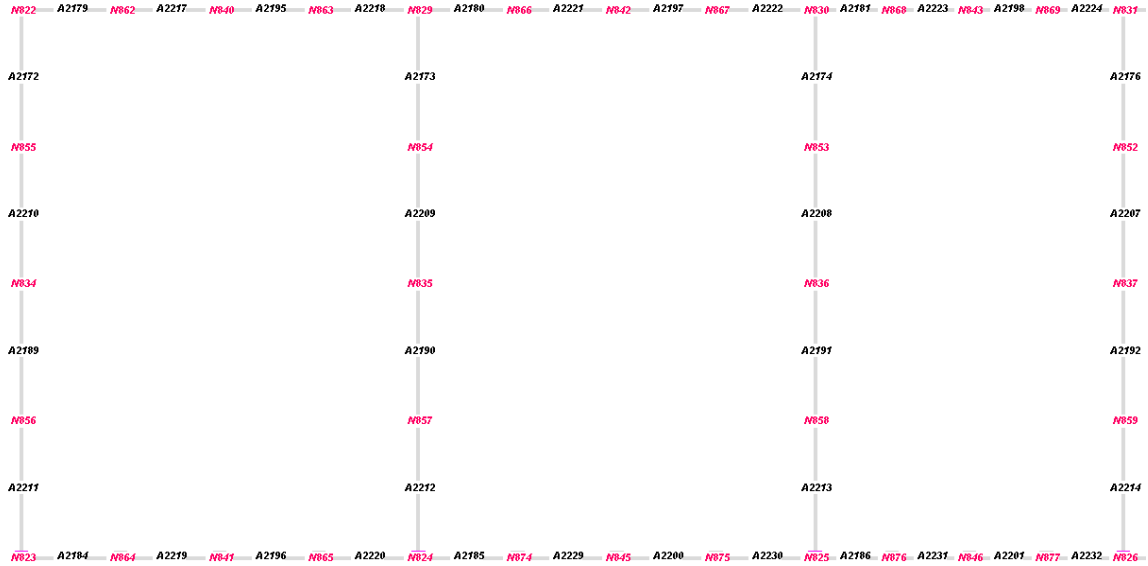


Figura 6: numerazione travi di fondazioni 1/2

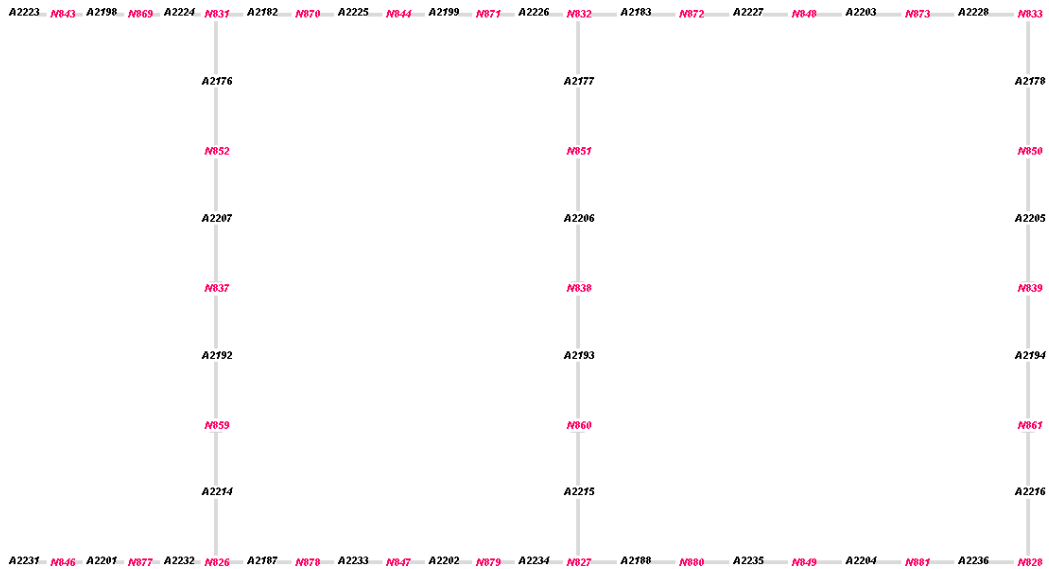


Figura 7: numerazione travi di fondazioni 2/2

Assonometria : 30, 30



Figura 11: numerazione reticolari trasversali 3/4

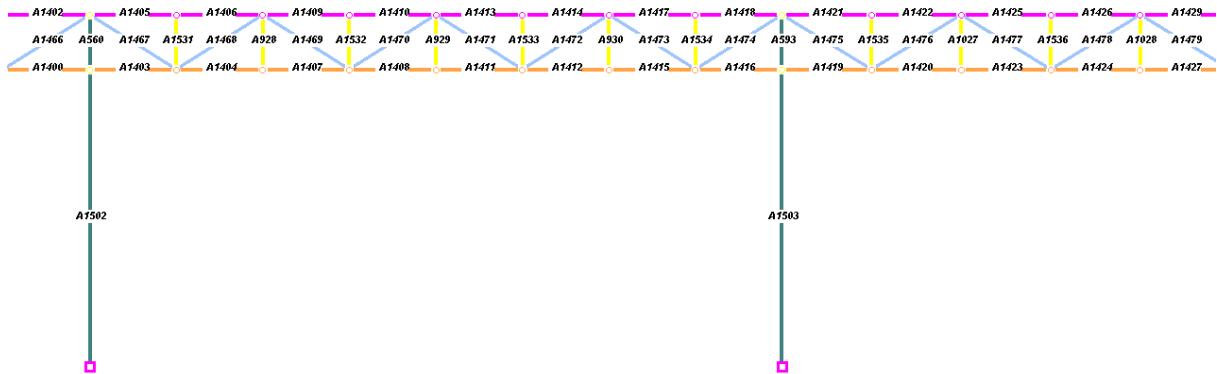


Figura 14: reticolare longitudinale 1-2/4

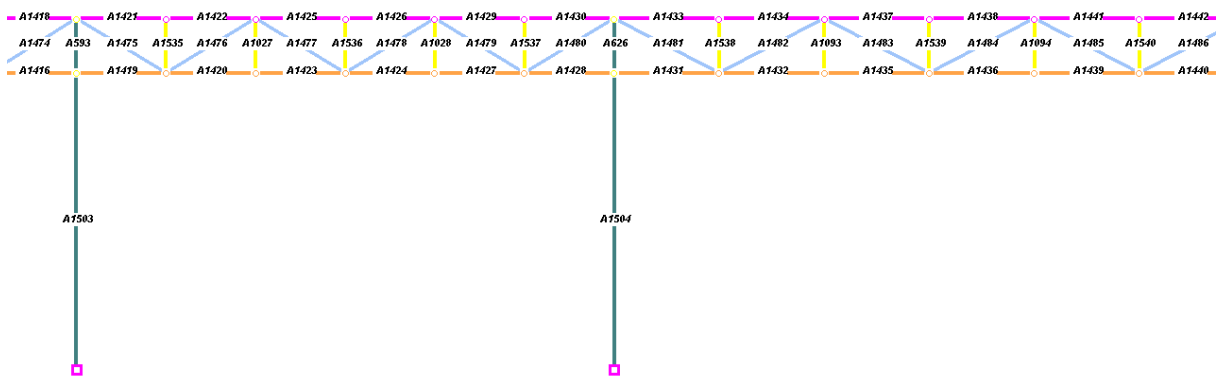


Figura 15: reticolare longitudinale 1-3/4

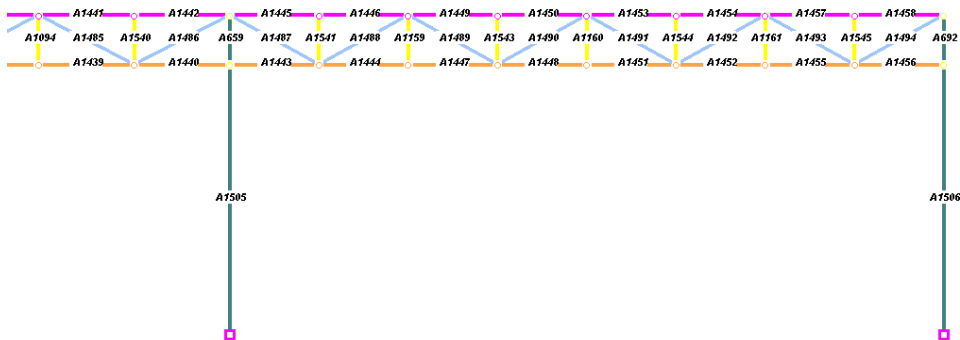


Figura 16: reticolare longitudinale 1-4/4

Copertura area carburante - Relazione di calcolo

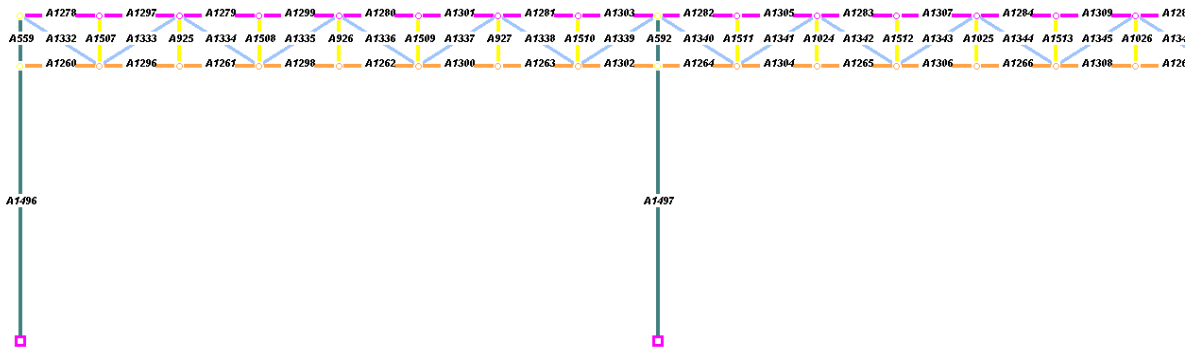


Figura 17: reticolare longitudinale 2-1/3

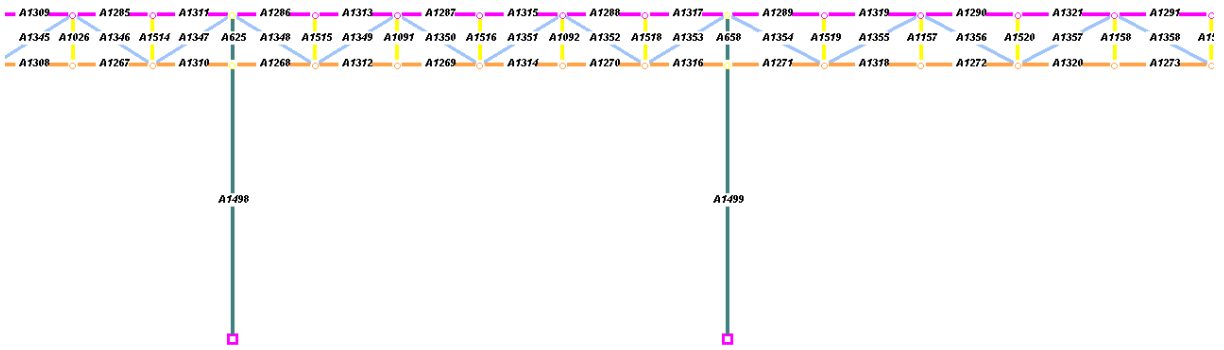


Figura 18: reticolare longitudinale 2-2/3

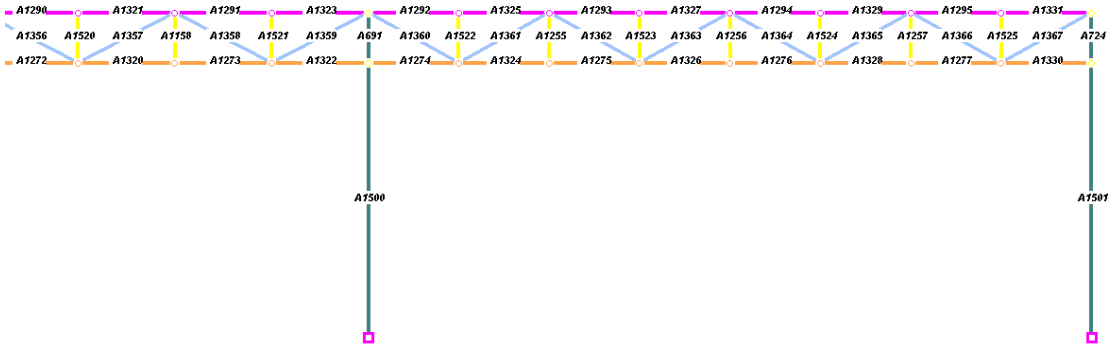


Figura 19: reticolare longitudinale 2-3/3

11.1.5 Arcarecci

A7648	A2097	A7902	A2737
A7647	A2096	A7900	A2729
A7646	A2095	A7898	A2727
A7645	A2094	A7896	A2725
A7644	A2093	A7894	A2723
A7643	A2092	A7892	A2721
A7642	A2091	A7890	A2719

Figura 20: numerazione arcarecci 1/3

A7645	A2094	A7896	A2725
A7644	A2093	A7894	A2723
A7643	A2092	A7892	A2721
A7642	A2091	A7890	A2719
A7641	A2090	A7888	A2717
A7640	A2089	A7886	A2715
A7639	A2088	A7884	A2713
A7638	A2087	A7882	A2711
A7637	A2086	A7880	A2709
A7636	A2085	A7878	A2707
A7635	A2084	A7876	A2705

Figura 21: numerazione arcarecci 2/3



Figura 22: numerazione arcarecci 3/3

11.1.6 Elementi longitudinali sul piano inferiore della reticolare di copertura

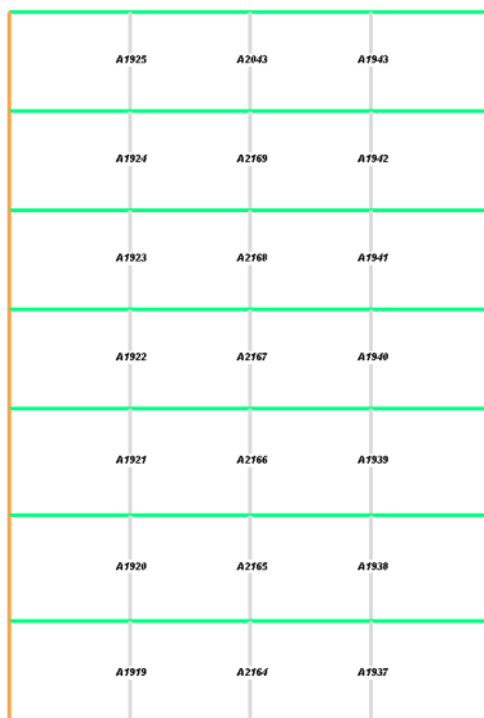


Figura 23: numerazione travi longitudinali 1/3

A1922	A2167	A1940
A1921	A2166	A1939
A1920	A2165	A1938
A1919	A2164	A1937
A1918	A2163	A1936
A1917	A2162	A1935
A1916	A2161	A1934
A1915	A2160	A1933
A1914	A2159	A1932
A1913	A2158	A1931

Figura 24: numerazione travi longitudinali 2/3

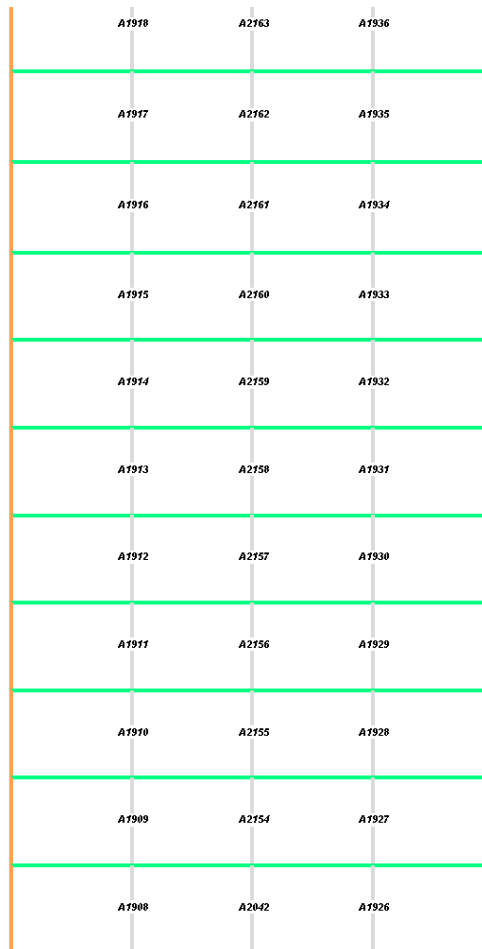


Figura 25: numerazione travi longitudinali 3/3

11.1.7 Tiranti controventatura orizzontale



Figura 26: numerazione tiranti inferiori

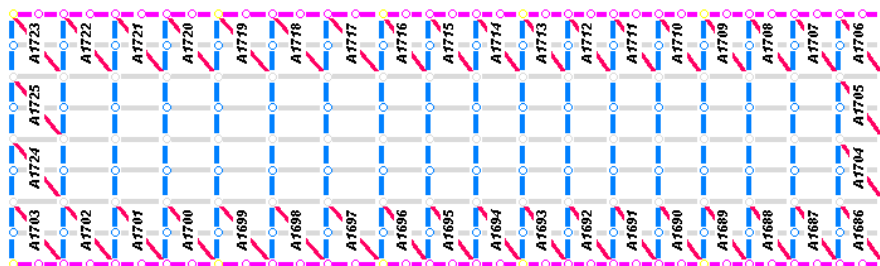


Figura 27: numerazione tiranti superiori

11.2 Verifica pilastri

VERIFICA ELEMENTI IN ACCIAIO

lavoro : MUSST4

Unità di misura:

Lunghezze: cm

Prop.Sez.: cm

Forze: daN

Momenti: daNcm

Tensioni: daN/cm²

MATERIALI

S275 (EN 10025-2): Mod.El.= 2100000.0; gM = 1.050;
fyk = 2750.0(2550.0 per sp>40 mm); fyd = 2619.0(2428.6 per sp>40 mm).

CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	2
4	SLU VENTOX 1	2
5	SLU VENTOX 2	2
6	SLU VENTOX 2	2
7	SLU VENTOX 3	2
8	SLU VENTOX 3	2
11	SLU con SISMAX PRINC	16
12	SLU con SISMAX PRINC	16

CARATTERISTICHE GEOMETRICHE

P_HEB340_S010 (10) :

A =171.2727E+00 Jz= 36.7287E+03 Jy= 9.6911E+03 Jt=206.8989E+00

P_HEB340_S010 (10) stato limite ultimo - ASTA (307- 2) 558
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-445394.1	809900.8	0.0	-17291.0	9203.4	5081.9
12-11	-330739.6	879343.1	0.0	-6301.3	9992.5	3758.4
11-12	-839294.7	332841.2	0.0	-6044.3	3782.3	9537.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	-1560.7	0.0	0.0	1560.7
12-11	si	5	Tz		415.7	129.5	0.0	472.3
11-12	si	9	Ty		-14.7	0.0	-261.1	452.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-389521.6	708663.2	0.0	-17271.8	9203.4	5076.7
12-11	-289397.1	769425.2	0.0	-6286.6	9992.5	3758.4
11-12	-734382.9	291236.1	0.0	-6029.5	3782.3	9537.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	-1378.0	0.0	0.0	1378.0
12-11	si	5	Tz		359.2	129.5	0.0	423.5
11-12	si	9	Ty		-17.2	0.0	-261.1	452.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-333705.8	607425.6	0.0	-17252.6	9203.4	5071.6
12-11	-248054.7	659507.3	0.0	-6271.8	9992.5	3758.4
11-12	-629471.0	249630.9	0.0	-6014.8	3782.3	9537.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	-1195.4	0.0	0.0	1195.4
12-11	si	5	Tz		302.8	129.5	0.0	376.8
11-12	si	9	Ty		-19.7	0.0	-261.1	452.7

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-277946.6	506188.0	0.0	-17233.4	9203.4	5066.4
12-11	-206712.2	549589.4	0.0	-6257.1	9992.5	3758.4
11-12	-524559.2	208025.8	0.0	-6000.0	3782.3	9537.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	-1012.7	0.0	0.0	1012.7
12-11	si	5	Tz		246.3	129.5	0.0	333.1
11-12	si	9	Ty		-22.2	0.0	-261.1	452.8

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-222244.0	404950.4	0.0	-17214.2	9203.4	5061.3
12-11	-165369.8	439671.6	0.0	-6242.3	9992.5	3758.4
11-12	-419647.4	166420.6	0.0	-5985.3	3782.3	9537.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	-830.2	0.0	0.0	830.2
12-11	si	5	Tz		189.8	129.5	0.0	293.8
11-12	si	9	Ty		-24.6	0.0	-261.1	452.9

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-166598.1	303712.8	0.0	-17195.1	9203.4	5056.1
12-11	-124027.3	329753.7	0.0	-6227.6	9992.5	3758.4
11-12	-314735.5	124815.5	0.0	-5970.5	3782.3	9537.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	-647.6	0.0	0.0	647.6
12-11	si	5	Tz		133.3	129.5	0.0	260.9

Copertura area carburante - Relazione di calcolo

| 11-12|si| 9|	Ty	-27.1|	0.0|	-261.1|	453.1|		
----- PROGR. 66.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-111008.8|	202475.2|	0.0|	-17175.9|	9203.4|	5051.0|	
| 12-11|	-82684.9|	219835.8|	0.0|	-6212.8|	9992.5|	3758.4|	
| 11-12|	-209823.7|	83210.3|	0.0|	-5955.8|	3782.3|	9537.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	-465.1|	0.0|	0.0|	465.1|		
| 12-11|si| 5|	Tz	76.9|	129.5|	0.0|	237.0|		
| 11-12|si| 9|	Ty	-29.6|	0.0|	-261.1|	453.2|		
----- PROGR. 77.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-55476.1|	101237.6|	0.0|	-17156.7|	9203.4|	5045.9|	
| 12-11|	-41342.4|	109917.9|	0.0|	-6198.0|	9992.5|	3758.4|	
| 11-12|	-104911.8|	41605.2|	0.0|	-5941.0|	3782.3|	9537.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	-282.5|	0.0|	0.0|	282.5|		
| 12-11|si| 5|	Tz	20.4|	129.5|	0.0|	225.1|		
| 11-12|si| 9|	Ty	-32.1|	0.0|	-261.1|	453.4|		
| 11-12|si|10|	Si	-37.3|	0.0|	-261.1|	453.8|		
----- PROGR. 88.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	0.0|	0.0|	0.0|	-17221.9|	7367.9|	7886.7|	
| 12-11|	0.0|	0.0|	0.0|	-6183.3|	9992.5|	3758.4|	
| 11-12|	0.0|	0.0|	0.0|	-5926.2|	3782.3|	9537.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si	-100.6|	0.0|	0.0|	100.6|		
| 12-11|si| 5|	Tz	-36.1|	129.5|	0.0|	227.1|		
| 11-12|si| 9|	TySi	-34.6|	0.0|	-261.1|	453.6|		

VERIFICA STABILITA` :							
|L0 =	88. |						
Z |Lc =	88. |Ro = 14.64|lm = 6.0|Ncr= 98301293.5|alfa(b)=0.3400|ki=1.0000|						
Y |Lc =	88. |Ro = 7.52|lm = 11.7|Ncr= 25937513.6|alfa(c)=0.4900|ki=1.0000|						
Caso 5- 1 - Nodo 3 - Asse Y							
Ned =	-17291.0|Mzeq = -334045.6|Myeq = 607425.6|Ss = -1196.4 (0.457)						

P_HEB340_S010 (10)		stato limite ultimo	- ASTA (308-	18)	559		
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	905359.5|	834589.3|	0.0|	-17107.1|	9484.0|	-10267.6|	
| 7- 1|	1012651.6|	793252.9|	0.0|	-15938.4|	9014.2|	-11473.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-1810.7|	0.0|	0.0|	1810.7|		
| 7- 1|si| 6|	Tz	-831.9|	157.8|	0.0|	875.6|		
| 7- 1|si| 9|	Ty	-43.9|	0.0|	314.1|	545.8|		
----- PROGR. 11.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	792387.7|	730265.7|	0.0|	-17087.9|	9484.0|	-10272.7|	
| 7- 1|	886400.4|	694096.3|	0.0|	-15919.2|	9014.2|	-11481.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-1596.8|	0.0|	0.0|	1596.8|		
| 7- 1|si| 6|	Tz	-739.6|	157.8|	0.0|	788.5|		
| 7- 1|si| 9|	Ty	-50.0|	0.0|	314.3|	546.7|		
----- PROGR. 22.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	679359.4|	625942.0|	0.0|	-17068.7|	9484.0|	-10277.9|	
| 7- 1|	760055.0|	594939.7|	0.0|	-15900.0|	9014.2|	-11490.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-1382.9|	0.0|	0.0|	1382.9|		
| 7- 1|si| 6|	Tz	-647.2|	157.9|	0.0|	702.6|		
| 7- 1|si| 9|	Ty	-56.0|	0.0|	314.6|	547.7|		
----- PROGR. 33.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	566274.4|	521618.3|	0.0|	-17049.5|	9484.0|	-10283.0|	
| 7- 1|	633615.1|	495783.1|	0.0|	-15880.9|	9014.2|	-11498.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-1169.0|	0.0|	0.0|	1169.0|		
| 7- 1|si| 6|	Tz	-554.8|	157.9|	0.0|	618.6|		
| 7- 1|si| 9|	Ty	-62.0|	0.0|	314.8|	548.8|		
----- PROGR. 44.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	453132.8|	417294.7|	0.0|	-17030.3|	9484.0|	-10288.2|	
| 7- 1|	507080.8|	396626.5|	0.0|	-15861.7|	9014.2|	-11507.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-955.1|	0.0|	0.0|	955.1|		
| 7- 1|si| 6|	Tz	-462.4|	158.0|	0.0|	537.2|		
| 7- 1|si| 9|	Ty	-68.1|	0.0|	315.0|	549.9|		
----- PROGR. 55.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	339934.5|	312971.0|	0.0|	-17011.1|	9484.0|	-10293.3|	

Copertura area carburante - Relazione di calcolo

```

| 7- 1|      380452.2| 297469.8|      0.0| -15842.5|  9014.2| -11516.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx  |Si|      -741.1|      0.0|      0.0|      741.1|
| 7- 1|si| 6|  Tz  |      -369.9|     158.0|      0.0|      460.1|
| 7- 1|si| 9|  Ty  |      -74.1|      0.0|     315.3|      551.1|
-----

```

66.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      226679.6| 208647.3|      0.0| -16992.0|  9484.0| -10298.5|
| 7- 1|      253729.2| 198313.2|      0.0| -15823.3|  9014.2| -11524.6|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx  |Si|      -527.1|      0.0|      0.0|      527.1|
| 7- 1|si| 6|  Tz  |      -277.4|     158.0|      0.0|      389.7|
| 7- 1|si| 9|  Ty  |      -80.1|      0.0|     315.5|      552.3|
| 7- 1|si|10| Si|      -104.7|      0.0|     315.5|      556.4|
-----

```

77.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      113368.1| 104323.7|      0.0| -16972.8|  9484.0| -10303.6|
| 7- 1|      126911.8|  99156.6|      0.0| -15804.1|  9014.2| -11533.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx  |Si|      -313.0|      0.0|      0.0|      313.0|
| 7- 1|si| 6|  Tz  |      -184.8|     158.1|      0.0|      330.3|
| 7- 1|si| 9|  Ty  |      -86.1|      0.0|     315.7|      553.6|
| 7- 1|si|10| Si|      -98.4|      0.0|     315.7|      555.7|
-----

```

88.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -16953.6|  9484.0| -10308.8|
| 7- 1|      0.0|      0.0|      0.0| -15784.9|  9014.2| -11541.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx  |Si|      -99.0|      0.0|      0.0|      99.0|
| 7- 1|si| 6|  Tz  |      -92.2|     158.1|      0.0|      289.0|
| 7- 1|si| 9|  Ty  |      -92.2|      0.0|     316.0|      555.0|
| 7- 1|si|10| Si|      -92.2|      0.0|     316.0|      555.0|
-----

```

VERIFICA STABILITA' :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 14.64|lm = 6.0|Ncr = 98301293.5|alfa(b)=0.3400|ki=1.0000|
Y |Lc = 88. |Ro = 7.52|lm = 11.7|Ncr = 25937513.6|alfa(c)=0.4900|ki=1.0000|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -17107.1|Mzeq = 679019.6|Myeq = 625942.0|Ss = -1383.7 ( 0.528)

```

```

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 309- 310) 560
-----

```

0.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 7|      -481033.6| -856907.9|      0.0| -11514.4| -9737.6|  5466.3|
| 6- 1|      -1284385.6| 13572.0|      0.0| -42703.4|  181.6| 14595.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 12- 7|si| 4|Sx  |Si|      -1616.2|      0.0|      0.0|     1616.2|
| 12- 7|si| 6|  Tz  |      447.2|     -135.3|      0.0|      504.9|
| 6- 1|si| 9|  Ty  |      -248.5|      0.0|     -399.6|      735.4|
-----

```

11.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 7|      -420904.4| -749794.5|      0.0| -11499.6| -9737.6|  5466.3|
| 6- 1|      -1123837.4| 11612.5|      0.0| -42684.2|  174.7| 14595.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 12- 7|si| 4|Sx  |Si|      -1422.5|      0.0|      0.0|     1422.5|
| 12- 7|si| 6|  Tz  |      383.0|     -135.3|      0.0|      449.0|
| 6- 1|si| 9|  Ty  |      -248.5|      0.0|     -399.6|      735.4|
-----

```

22.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 7|      -360775.2| -642681.0|      0.0| -11484.9| -9737.6|  5466.3|
| 6- 1|      -963289.2|  9728.1|      0.0| -42665.0|  167.9| 14595.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 12- 7|si| 4|Sx  |Si|      -1228.8|      0.0|      0.0|     1228.8|
| 12- 7|si| 6|  Tz  |      318.8|     -135.3|      0.0|      395.6|
| 6- 1|si| 9|  Ty  |      -248.5|      0.0|     -399.6|      735.4|
-----

```

33.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 7|      -300646.0| -535567.5|      0.0| -11470.1| -9737.6|  5466.3|
| 6- 1|      -802741.0|  7918.9|      0.0| -42645.9|  161.1| 14595.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 12- 7|si| 4|Sx  |Si|      -1035.1|      0.0|      0.0|     1035.1|
| 12- 7|si| 6|  Tz  |      254.6|     -135.3|      0.0|      346.0|
| 6- 1|si| 9|  Ty  |      -248.5|      0.0|     -399.6|      735.4|
-----

```

44.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 7|      -240516.8| -428454.0|      0.0| -11455.4| -9737.6|  5466.3|
| 6- 1|      -642192.8|  6184.9|      0.0| -42626.7|  154.2| 14595.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 12- 7|si| 4|Sx  |Si|      -841.4|      0.0|      0.0|      841.4|
| 12- 7|si| 6|  Tz  |      190.3|     -135.3|      0.0|      301.9|
| 6- 1|si| 9|  Ty  |      -248.5|      0.0|     -399.6|      735.4|
-----

```

Copertura area carburante - Relazione di calcolo

----- PROGR. 55.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 7	-180387.6	-321340.5	0.0	-11440.6	-9737.6	5466.3	
6- 1	-481644.6	4525.9	0.0	-42607.5	147.4	14595.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	4	Sx	-647.7	0.0	0.0	647.7
12- 7	si	6	Tz	126.1	-135.3	0.0	266.1
6- 1	si	9	Ty	-248.5	0.0	-399.6	735.4
6- 1	si	14	Si	-408.4	0.0	-370.3	760.3

----- PROGR. 66.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 7	-120258.4	-214227.0	0.0	-11425.9	-9737.6	5466.3	
6- 1	-321096.4	2942.2	0.0	-42588.3	140.6	14595.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	4	Sx	-454.0	0.0	0.0	454.0
12- 7	si	6	Tz	61.9	-135.3	0.0	242.4
6- 1	si	9	Ty	-248.5	0.0	-399.6	735.4
6- 1	si	10	Si	-248.8	0.0	-399.6	735.5

----- PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-124047.9	24128.3	0.0	-41938.9	2193.5	11279.7	
12- 7	-60129.2	-107113.5	0.0	-11411.1	-9737.6	5466.3	
6- 1	-160548.2	1433.5	0.0	-42569.1	133.7	14595.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	-339.6	0.0	0.0	339.6
12- 7	si	6	Tz	-2.3	-135.3	0.0	234.4
6- 1	si	9	Ty	-248.5	0.0	-399.6	735.3
6- 1	si	10	Si	-248.6	0.0	-399.6	735.4

----- PROGR. 88.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	-42549.9	126.9	14595.3	
12- 7	0.0	0.0	0.0	-11396.3	-9737.6	5466.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-248.4	0.0	0.0	248.4
12- 7	si	6	Tz	-66.5	-135.3	0.0	243.6
6- 1	si	9	Ty	-248.4	0.0	-399.6	735.3
6- 1	si	10	Si	-248.4	0.0	-399.6	735.3

VERIFICA STABILITA` :

|L0 = 88.1
 Z |Lc = 88.1 |Ro = 14.64 |lm = 6.0 |Ncr = 98301293.5 |alfa(b) = 0.3400 |ki = 1.0000 |
 Y |Lc = 88.1 |Ro = 7.52 |lm = 11.7 |Ncr = 25937513.6 |alfa(c) = 0.4900 |ki = 1.0000 |
 Caso12- 7 - Nodo 4 - Asse Y
 Ned = -11514.4 |Mzeq = -288620.1 |Myeq = -514144.8 |Ss = -997.0 (0.381)

P_HEB340_S010 (10) stato limite ultimo - ASTA (326- 318) 592

----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 2	469964.7	-876805.5	0.0	-11756.4	-9963.7	-5340.5	
7- 1	1643792.0	148259.9	0.0	-40294.2	1684.8	-18645.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2	si	1	Sx	-1643.3	0.0	0.0	1643.3
12- 2	si	5	Tz	-584.7	-137.2	0.0	631.2
7- 1	si	9	Ty	-226.1	0.0	510.5	912.6

----- PROGR. 11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 2	411219.1	-767204.9	0.0	-11741.7	-9963.7	-5340.5	
7- 1	1438648.4	129727.4	0.0	-40275.0	1684.8	-18653.7	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2	si	1	Sx	-1446.4	0.0	0.0	1446.4
12- 2	si	5	Tz	-520.1	-137.2	0.0	571.8
7- 1	si	9	Ty	-227.1	0.0	510.7	913.2

----- PROGR. 22.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 2	352473.5	-657604.2	0.0	-11726.9	-9963.7	-5340.5	
7- 1	1233410.3	111195.0	0.0	-40255.8	1684.8	-18662.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2	si	1	Sx	-1249.5	0.0	0.0	1249.5
12- 2	si	5	Tz	-455.5	-137.2	0.0	513.8
7- 1	si	9	Ty	-228.2	0.0	510.9	913.9

----- PROGR. 33.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 2	293728.0	-548003.5	0.0	-11712.2	-9963.7	-5340.5	
7- 1	1028077.9	92662.5	0.0	-40236.6	1684.8	-18670.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2	si	1	Sx	-1052.5	0.0	0.0	1052.5
12- 2	si	5	Tz	-390.9	-137.2	0.0	457.5
7- 1	si	9	Ty	-229.2	0.0	511.2	914.5

----- PROGR. 44.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 2	234982.4	-438402.8	0.0	-11697.4	-9963.7	-5340.5	

Copertura area carburante - Relazione di calcolo

```

| 7- 1|      822651.1| 74130.0|      0.0| -40217.5| 1684.8| -18679.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 2|si| 1|Sx | -855.6| 0.0| 0.0| 855.6|
| 12- 2|si| 5| Tz | -326.3| -137.2| 0.0| 403.7|
| 7- 1|si| 9| Ty | -230.2| 0.0| 511.4| 915.2|
| 7- 1|si|12| Si | -511.5| 0.0| 473.9| 967.1|
-----

```

```

----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 2| 176236.8| -328802.1| 0.0| -11682.7| -9963.7| -5340.5|
| 7- 1| 617129.9| 55597.5| 0.0| -40198.3| 1684.8| -18688.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 2|si| 1|Sx | -658.7| 0.0| 0.0| 658.7|
| 12- 2|si| 5| Tz | -261.7| -137.2| 0.0| 353.5|
| 7- 1|si| 9| Ty | -231.3| 0.0| 511.6| 915.9|
| 7- 1|si|12| Si | -442.3| 0.0| 474.1| 932.7|
-----

```

```

----- PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 389160.9| 34975.3| 0.0| -43874.3| 1589.8| -17684.0|
| 12- 2| 117491.2| -219201.4| 0.0| -11667.9| -9963.7| -5340.5|
| 7- 1| 411514.3| 37065.0| 0.0| -40179.1| 1684.8| -18696.6|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -490.4| 0.0| 0.0| 490.4|
| 12- 2|si| 5| Tz | -197.1| -137.2| 0.0| 308.7|
| 7- 1|si| 9| Ty | -232.3| 0.0| 511.9| 916.5|
| 7- 1|si|10| Si | -236.9| 0.0| 511.9| 917.7|
-----

```

```

----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 194608.8| 17487.6| 0.0| -43855.1| 1589.8| -17689.1|
| 12- 2| 58745.6| -109600.7| 0.0| -11653.1| -9963.7| -5340.5|
| 7- 1| 205804.3| 18532.5| 0.0| -40159.9| 1684.8| -18705.2|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -373.2| 0.0| 0.0| 373.2|
| 12- 2|si| 5| Tz | -132.6| -137.2| 0.0| 272.0|
| 7- 1|si| 9| Ty | -233.3| 0.0| 512.1| 917.2|
| 7- 1|si|10| Si | -235.6| 0.0| 512.1| 917.8|
-----

```

```

----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -43835.9| 1589.8| -17694.3|
| 12- 2| 0.0| 0.0| 0.0| -11638.4| -9963.7| -5340.5|
| 7- 1| 0.0| 0.0| 0.0| -40140.7| 1684.8| -18713.8|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -255.9| 0.0| 0.0| 255.9|
| 12- 2|si| 5| Tz | -68.0| -137.2| 0.0| 247.1|
| 7- 1|si| 9| Ty | -234.4| 0.0| 512.3| 917.8|
| 7- 1|si|10| Si | -234.4| 0.0| 512.3| 917.8|
-----

```

VERIFICA STABILITA` :

```

|L0 = 88.
Z |Lc = 88. |Ro = 14.64|lm = 6.0|Ncr = 98301293.5|alfa(b)=0.3400|ki=1.0000|
Y |Lc = 88. |Ro = 7.52|lm = 11.7|Ncr = 25937513.6|alfa(c)=0.4900|ki=1.0000|
Casol2- 2 - Nodo 1 - Asse Y
Ned = -11756.4|Mzeq = 281978.8|Myeq = -526083.3|Ss = -1013.8 ( 0.387)

```

```

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 327- 328) 593
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| -489387.2| -856142.2| 0.0| -8227.6| -9728.9| 5561.2|
| 6- 1| -1320610.2| -177805.5| 0.0| -33564.3| -1993.2| 15006.9|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 7|si| 4|Sx | -1599.7| 0.0| 0.0| 1599.7|
| 12- 7|si| 6| Tz | 470.0| -135.7| 0.0| 525.5|
| 6- 1|si| 9| Ty | -207.0| 0.0| -410.9| 741.1|
-----

```

```

----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| -428213.8| -749124.4| 0.0| -8212.9| -9728.9| 5561.2|
| 6- 1| -1155533.9| -155842.8| 0.0| -33545.1| -2000.0| 15006.9|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 7|si| 4|Sx | -1405.7| 0.0| 0.0| 1405.7|
| 12- 7|si| 6| Tz | 405.3| -135.7| 0.0| 468.5|
| 6- 1|si| 9| Ty | -205.5| 0.0| -410.9| 740.7|
-----

```

```

----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| -367040.4| -642106.6| 0.0| -8198.1| -9728.9| 5561.2|
| 6- 1| -990457.7| -133805.0| 0.0| -33525.9| -2006.9| 15006.9|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 7|si| 4|Sx | -1211.6| 0.0| 0.0| 1211.6|
| 12- 7|si| 6| Tz | 340.7| -135.7| 0.0| 413.9|
| 6- 1|si| 9| Ty | -204.0| 0.0| -410.9| 740.3|
-----

```

```

----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| -305867.0| -535088.9| 0.0| -8183.3| -9728.9| 5561.2|
| 6- 1| -825381.4| -111692.0| 0.0| -33506.8| -2013.7| 15006.9|

```

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 4|Sx | Si | -1017.6| 0.0| 0.0| 1017.6|
| 12- 7|si| 6| Tz | | 276.0| -135.7| 0.0| 362.5|
| 6- 1|si| 9| Ty | | -202.5| 0.0| -410.9| 739.9|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| -244693.6| -428071.1| 0.0| -8168.6| -9728.9| 5561.2|
| 6- 1| -660305.1| -89503.9| 0.0| -33487.6| -2020.5| 15006.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 4|Sx | Si | -823.5| 0.0| 0.0| 823.5|
| 12- 7|si| 6| Tz | | 211.3| -135.7| 0.0| 316.1|
| 6- 1|si| 9| Ty | | -201.1| 0.0| -410.9| 739.5|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| -183520.2| -321053.3| 0.0| -8153.8| -9728.9| 5561.2|
| 6- 1| -495228.8| -67240.6| 0.0| -33468.4| -2027.3| 15006.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 4|Sx | Si | -629.5| 0.0| 0.0| 629.5|
| 12- 7|si| 6| Tz | | 146.7| -135.7| 0.0| 277.0|
| 6- 1|si| 9| Ty | | -199.6| 0.0| -410.9| 739.1|
| 6- 1|si|13| Si | -363.4| 0.0| -380.7| 752.9|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| -122346.8| -214035.5| 0.0| -8139.1| -9728.9| 5561.2|
| 6- 1| -330152.6| -44902.2| 0.0| -33449.2| -2034.2| 15006.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 4|Sx | Si | -435.4| 0.0| 0.0| 435.4|
| 12- 7|si| 6| Tz | | 82.0| -135.7| 0.0| 248.9|
| 6- 1|si| 9| TySi | -198.1| 0.0| -410.9| 738.7|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -165076.3| -22488.7| 0.0| -33430.0| -2041.0| 15006.9|
| 12- 7| -61173.4| -107017.8| 0.0| -8124.3| -9728.9| 5561.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -306.4| 0.0| 0.0| 306.4|
| 12- 7|si| 6| Tz | | 17.3| -135.7| 0.0| 235.6|
| 6- 1|si| 9| TySi | -196.6| 0.0| -410.9| 738.3|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -33410.8| -2047.8| 15006.9|
| 12- 7| 0.0| 0.0| 0.0| -8109.6| -9728.9| 5561.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -195.1| 0.0| 0.0| 195.1|
| 12- 7|si| 6| Tz | | -47.3| -135.7| 0.0| 239.7|
| 6- 1|si| 9| TySi | -195.1| 0.0| -410.9| 737.9|
-----

VERIFICA STABILITA' :
|L0 = 88.0|
Z |Lc = 88.0|Ro = 14.64|lm = 6.0|Ncr = 98301293.5|alfa(b)=0.3400|ki=1.0000|
Y |Lc = 88.0|Ro = 7.52|lm = 11.7|Ncr = 25937513.6|alfa(c)=0.4900|ki=1.0000|
Caso12- 7 - Nodo 4 - Asse Y
Ned = -8227.6|Mzeq = -293632.3|Myeq = -513685.3|Ss = -979.3 ( 0.374)

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 344- 336) 625
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 2| 496411.4| -870922.9| 0.0| -8313.4| -9896.9| -5641.0|
| 7- 1| 1698066.4| -25918.6| 0.0| -31438.3| -294.5| -19261.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 2|si| 1|Sx | Si | -1626.3| 0.0| 0.0| 1626.3|
| 12- 2|si| 5| Tz | | -574.9| -137.9| 0.0| 622.5|
| 7- 1|si| 9| Ty | | -185.2| 0.0| 527.3| 932.0|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 2| 434360.0| -762057.5| 0.0| -8298.7| -9896.9| -5641.0|
| 7- 1| 1486138.4| -22678.8| 0.0| -31419.2| -294.5| -19270.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 2|si| 1|Sx | Si | -1429.0| 0.0| 0.0| 1429.0|
| 12- 2|si| 5| Tz | | -509.0| -137.9| 0.0| 562.3|
| 7- 1|si| 9| Ty | | -184.8| 0.0| 527.6| 932.3|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 2| 372308.6| -653192.2| 0.0| -8283.9| -9896.9| -5641.0|
| 7- 1| 1274116.1| -19438.9| 0.0| -31400.0| -294.5| -19279.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 2|si| 1|Sx | Si | -1231.7| 0.0| 0.0| 1231.7|
| 12- 2|si| 5| Tz | | -443.1| -137.9| 0.0| 503.4|
| 7- 1|si| 9| Ty | | -184.5| 0.0| 527.8| 932.6|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

```

Copertura area carburante - Relazione di calcolo

```

| 12- 2|      310257.1|-544326.8|      0.0| -8269.2| -9896.9| -5641.0|
| 7- 1|      1061999.4|-16199.1|      0.0| -31380.8| -294.5| -19287.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 2|si| 1|Sx | -1034.4| 0.0| 0.0| 1034.4|
| 12- 2|si| 5| Tz | -377.2| -137.9| 0.0| 446.5|
| 7- 1|si| 9| Ty | -184.2| 0.0| 528.0| 933.0|
----- PROGR. 44.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 2| 248205.7| -435461.4| 0.0| -8254.4| -9896.9| -5641.0|
| 7- 1| 849788.2| -12959.3| 0.0| -31361.6| -294.5| -19296.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 2|si| 1|Sx | -837.1| 0.0| 0.0| 837.1|
| 12- 2|si| 5| Tz | -311.4| -137.9| 0.0| 392.5|
| 7- 1|si| 9| Ty | -183.9| 0.0| 528.3| 933.3|
| 7- 1|si|11| Si | -465.0| 0.0| 489.5| 967.0|
----- PROGR. 55.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 2| 186154.3| -326596.1| 0.0| -8239.7| -9896.9| -5641.0|
| 7- 1| 637482.8| -9719.5| 0.0| -31342.4| -294.5| -19304.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 2|si| 1|Sx | -639.8| 0.0| 0.0| 639.8|
| 12- 2|si| 5| Tz | -245.5| -137.9| 0.0| 342.6|
| 7- 1|si| 9| Ty | -183.6| 0.0| 528.5| 933.7|
| 7- 1|si|11| Si | -394.5| 0.0| 489.7| 935.5|
----- PROGR. 66.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 2| 124102.9| -217730.7| 0.0| -8224.9| -9896.9| -5641.0|
| 7- 1| 425082.9| -6479.6| 0.0| -31323.2| -294.5| -19313.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12- 2|si| 1|Sx | -442.5| 0.0| 0.0| 442.5|
| 12- 2|si| 5| Tz | -179.6| -137.9| 0.0| 298.9|
| 7- 1|si| 9| TySi| -183.3| 0.0| 528.8| 934.0|
----- PROGR. 77.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 161939.3| -27055.3| 0.0| -33468.1| -2456.2| -14721.8|
| 12- 2| 62051.4| -108865.4| 0.0| -8210.1| -9896.9| -5641.0|
| 7- 1| 212588.6| -3239.8| 0.0| -31304.0| -294.5| -19321.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -312.2| 0.0| 0.0| 312.2|
| 12- 2|si| 5| Tz | -113.7| -137.9| 0.0| 264.6|
| 7- 1|si| 9| TySi| -183.0| 0.0| 529.0| 934.3|
----- PROGR. 88.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -34055.4| -394.0| -18213.8|
| 12- 2| 0.0| 0.0| 0.0| -8195.4| -9896.9| -5641.0|
| 7- 1| 0.0| 0.0| 0.0| -31284.9| -294.5| -19330.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -198.8| 0.0| 0.0| 198.8|
| 12- 2|si| 5| Tz | -47.8| -137.9| 0.0| 243.7|
| 7- 1|si| 9| TySi| -182.7| 0.0| 529.2| 934.7|
----- PROGR. 0.

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 14.64|lm = 6.0|Ncr = 98301293.5|alfa(b)=0.3400|ki=1.0000|
Y |Lc = 88. |Ro = 7.52|lm = 11.7|Ncr = 25937513.6|alfa(c)=0.4900|ki=1.0000|
Casol2- 2 - Nodo 1 - Asse Y
Ned = -8313.4|Mzeq = 297846.8|Myeq = -522553.7|Ss = -995.5 ( 0.380)

```

```

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 345- 346) 626
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -524546.3| 853640.9| 0.0| -7142.0| 9700.5| 5960.8|
| 6- 1| -1389539.2| -176850.3| 0.0| -29498.1| -1982.3| 15790.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-12|si| 3|Sx | -1605.8| 0.0| 0.0| 1605.8|
| 12-12|si| 5| Tz | 491.8| 137.4| 0.0| 546.3|
| 6- 1|si| 9| Ty | -183.2| 0.0| -432.3| 770.8|
----- PROGR. 11.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -458978.0| 746935.8| 0.0| -7127.3| 9700.5| 5960.8|
| 6- 1| -1215846.8| -155007.0| 0.0| -29478.9| -1989.2| 15790.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-12|si| 3|Sx | -1410.2| 0.0| 0.0| 1410.2|
| 12-12|si| 5| Tz | 425.2| 137.4| 0.0| 487.2|
| 6- 1|si| 9| Ty | -181.7| 0.0| -432.3| 770.5|
----- PROGR. 22.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -393409.7| 640230.7| 0.0| -7112.5| 9700.5| 5960.8|
| 6- 1| -1042154.4| -133088.6| 0.0| -29459.7| -1996.0| 15790.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-12|si| 3|Sx | -1214.6| 0.0| 0.0| 1214.6|

```

Copertura area carburante - Relazione di calcolo

| 12-12|si| 5|	Tz	|	358.6|	137.4|	0.0|	430.4|		
| 6- 1|si| 9|	Ty	|	-180.2|	0.0|	-432.3|	770.2|		

							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-12|	-327841.4|		533525.6|		0.0|		-7097.8|	
| 6- 1|	-868462.0|		-111095.0|		0.0|		-29440.5|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 12-12|si| 3|Sx	Si	|	-1019.0|		0.0|		1019.0|	
| 12-12|si| 5|	Tz	|	292.0|		137.4|		0.0|	
| 6- 1|si| 9|	Ty	|	-178.8|		0.0|		-432.3|	

							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-12|	-262273.2|		426820.4|		0.0|		-7083.0|	
| 6- 1|	-694769.6|		-89026.3|		0.0|		-29421.3|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 12-12|si| 3|Sx	Si	|	-823.4|		0.0|		823.4|	
| 12-12|si| 5|	Tz	|	225.4|		137.4|		0.0|	
| 6- 1|si| 9|	Ty	|	-177.3|		0.0|		-432.3|	

							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-12|	-196704.9|		320115.3|		0.0|		-7068.3|	
| 6- 1|	-521077.2|		-66882.4|		0.0|		-29402.2|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 12-12|si| 3|Sx	Si	|	-627.8|		0.0|		627.8|	
| 12-12|si| 5|	Tz	|	158.8|		137.4|		0.0|	
| 6- 1|si| 9|	Ty	|	-175.8|		0.0|		-432.3|	
| 6- 1|si|13|	Si	|	-348.2|		0.0|		-400.6|	

							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-12|	-131136.6|		213410.2|		0.0|		-7053.5|	
| 6- 1|	-347384.8|		-44663.4|		0.0|		-29383.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 12-12|si| 3|Sx	Si	|	-432.2|		0.0|		432.2|	
| 12-12|si| 5|	Tz	|	92.2|		137.4|		0.0|	
| 6- 1|si| 9|	TySi	|	-174.3|		0.0|		-432.3|	

							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 8- 1|	-158711.3|		-38290.0|		0.0|		-26655.7|	
| 12-12|	-65568.3|		106705.1|		0.0|		-7038.7|	
| 6- 1|	-173692.4|		-22369.3|		0.0|		-29363.8|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 8- 1|si| 4|Sx	Si	|	-288.4|		0.0|		288.4|	
| 12-12|si| 5|	Tz	|	25.6|		137.4|		0.0|	
| 6- 1|si| 9|	TySi	|	-172.8|		0.0|		-432.3|	

							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	0.0|		0.0|		0.0|		-29344.6|	
| 12-12|	0.0|		0.0|		0.0|		-7024.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	Si	|	-171.3|		0.0|		171.3|	
| 12-12|si| 5|	Tz	|	-41.0|		137.4|		0.0|	
| 6- 1|si| 9|	Ty	|	-171.3|		0.0|		-432.3|	
| 6- 1|si|10|	Si	|	-171.3|		0.0|		-432.3|	

VERIFICA STABILITA` :								
|L0 =	88. |							
Z |Lc =	88. |Ro = 14.64|lm = 6.0|Ncr= 98301293.5|alfa(b)=0.3400|ki=1.0000|							
Y |Lc =	88. |Ro = 7.52|lm = 11.7|Ncr= 25937513.6|alfa(c)=0.4900|ki=1.0000|							
Caso12-12 - Nodo 3 - Asse Y								
Ned =	-7142.0|Mzeq = -314727.8|Myeq = 512184.5|Ss = -980.4 (0.374)							
P_HEB340_S010 (10)	stato limite ultimo - ASTA (362- 354)	658						
							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-13|	505122.8|		855402.9|		0.0|		-7175.7|	
| 7- 1|	1787449.0|		-39786.8|		0.0|		-27583.1|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 12-13|si| 2|Sx	Si	|	-1599.7|		0.0|		1599.7|	
| 12-13|si| 6|	Tz	|	-567.0|		136.5|		0.0|	
| 7- 1|si| 9|	Ty	|	-163.5|		0.0|		555.2|	

							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-13|	441982.4|		748477.6|		0.0|		-7161.0|	
| 7- 1|	1564348.2|		-34813.4|		0.0|		-27563.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 12-13|si| 2|Sx	Si	|	-1404.9|		0.0|		1404.9|	
| 12-13|si| 6|	Tz	|	-501.3|		136.5|		0.0|	
| 7- 1|si| 9|	Ty	|	-163.1|		0.0|		555.4|	

							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-13|	378842.1|		641552.2|		0.0|		-7146.2|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 12-13|si| 2|Sx	Si	|	-1404.9|		0.0|		1404.9|	
| 12-13|si| 6|	Tz	|	-501.3|		136.5|		0.0|	
| 7- 1|si| 9|	Ty	|	-163.1|		0.0|		555.4|	

							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-13|	378842.1|		641552.2|		0.0|		-7146.2|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 12-13|si| 2|Sx	Si	|	-1404.9|		0.0|		1404.9|	
| 12-13|si| 6|	Tz	|	-501.3|		136.5|		0.0|	
| 7- 1|si| 9|	Ty	|	-163.1|		0.0|		555.4|	

							PROGR.	22.

Copertura area carburante - Relazione di calcolo

```

| 7- 1|      1341153.1| -29840.1|      0.0| -27544.7|   -452.1| -20294.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx | Si| -1210.1|      0.0|      0.0| 1210.1|
| 12-13|si| 6| Tz |      | -435.5| 136.5|      0.0| 495.6|
| 7- 1|si| 9| Ty |      | -162.7|      0.0| 555.6| 976.0|
-----

```

33.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-13|      315701.7| 534626.8|      0.0| -7131.5| 9720.5| -5740.0|
| 7- 1|      1117863.5| -24866.7|      0.0| -27525.5| -452.1| -20303.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx | Si| -1015.3|      0.0|      0.0| 1015.3|
| 12-13|si| 6| Tz |      | -369.8| 136.5|      0.0| 438.9|
| 7- 1|si| 9| Ty |      | -162.3|      0.0| 555.9| 976.3|
| 7- 1|si|11| Si|      | -532.0|      0.0| 515.1| 1038.7|
-----

```

44.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-13|      252561.4| 427701.5|      0.0| -7116.7| 9720.5| -5740.0|
| 7- 1|      894479.6| -19893.4|      0.0| -27506.3| -452.1| -20311.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx | Si| -820.4|      0.0|      0.0| 820.4|
| 12-13|si| 6| Tz |      | -304.1| 136.5|      0.0| 385.2|
| 7- 1|si| 9| Ty |      | -161.8|      0.0| 556.1| 976.7|
| 7- 1|si|11| Si|      | -457.7|      0.0| 515.3| 1003.0|
-----

```

55.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-13|      189421.0| 320776.1|      0.0| -7101.9| 9720.5| -5740.0|
| 7- 1|      671001.2| -14920.0|      0.0| -27487.1| -452.1| -20320.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx | Si| -625.6|      0.0|      0.0| 625.6|
| 12-13|si| 6| Tz |      | -238.4| 136.5|      0.0| 335.7|
| 7- 1|si| 9| TySi|      | -161.4|      0.0| 556.3| 977.0|
-----

```

66.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      320074.4| -84847.0|      0.0| -26755.2| -3845.3| -14548.8|
| 12-13|      126280.7| 213850.7|      0.0| -7087.2| 9720.5| -5740.0|
| 7- 1|      447428.5| -9946.7|      0.0| -27467.9| -452.1| -20329.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 1|Sx | Si| -435.7|      0.0|      0.0| 435.7|
| 12-13|si| 6| Tz |      | -172.6| 136.5|      0.0| 292.8|
| 7- 1|si| 9| TySi|      | -161.0|      0.0| 556.6| 977.3|
-----

```

77.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      160037.2| -42486.1|      0.0| -26736.1| -3856.7| -14548.8|
| 12-13|      63140.3| 106925.4|      0.0| -7072.4| 9720.5| -5740.0|
| 7- 1|      223761.5| -4973.3|      0.0| -27448.8| -452.1| -20337.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 1|Sx | Si| -295.9|      0.0|      0.0| 295.9|
| 12-13|si| 6| Tz |      | -106.9| 136.5|      0.0| 259.5|
| 7- 1|si| 9| TySi|      | -160.6|      0.0| 556.8| 977.7|
-----

```

88.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -29858.1| -406.3| -19359.8|
| 12-13|      0.0|      0.0|      0.0| -7057.7| 9720.5| -5740.0|
| 7- 1|      0.0|      0.0|      0.0| -27429.6| -452.1| -20346.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| -174.3|      0.0|      0.0| 174.3|
| 12-13|si| 6| Tz |      | -41.2| 136.5|      0.0| 240.0|
| 7- 1|si| 9| TySi|      | -160.2|      0.0| 557.0| 978.0|
-----

```

VERIFICA STABILITA' :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 14.64|lm = 6.0|Ncr= 98301293.5|alfa(b)=0.3400|ki=1.0000|
Y |Lc = 88. |Ro = 7.52|lm = 11.7|Ncr= 25937513.6|alfa(c)=0.4900|ki=1.0000|
Caso 8- 1 - Nodo 1 - Asse Y
Ned = -26870.4|Mzeq = 960223.1|Myeq = -252286.7|Ss = -992.3 ( 0.379)

```

```

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 363- 364) 659
-----

```

0.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-12|      -525004.8| 913772.7|      0.0| -11614.9| 10383.8| 5966.0|
| 6- 1|      -1362073.1| -119032.0|      0.0| -44682.4| -1325.3| 15478.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 3|Sx | Si| -1725.2|      0.0|      0.0| 1725.2|
| 12-12|si| 5| Tz |      | 486.3| 145.0|      0.0| 547.3|
| 6- 1|si| 9| Ty |      | -268.3|      0.0| -423.8| 781.4|
-----

```

11.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-12|      -459379.2| 799551.1|      0.0| -11600.1| 10383.8| 5966.0|
| 6- 1|      -1191814.0| -104416.0|      0.0| -44663.3| -1332.1| 15478.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-12|si| 3|Sx | Si| -1517.9|      0.0|      0.0| 1517.9|

```

Copertura area carburante - Relazione di calcolo

```

| 12-12|si| 5| Tz | 417.2| 145.0| 0.0| 486.9|
| 6- 1|si| 9| Ty | -267.2| 0.0| -423.8| 781.1|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -393753.6| 685329.5| 0.0| -11585.4| 10383.8| 5966.0|
| 6- 1| -1021554.9| -89724.8| 0.0| -44644.1| -1339.0| 15478.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 3|Sx | Si | -1310.7| 0.0| 0.0| 1310.7|
| 12-12|si| 5| Tz | 145.0| 0.0| 429.1|
| 6- 1|si| 9| Ty | -266.2| 0.0| -423.8| 780.8|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -328128.0| 571107.9| 0.0| -11570.6| 10383.8| 5966.0|
| 6- 1| -851295.7| -74958.5| 0.0| -44624.9| -1345.8| 15478.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 3|Sx | Si | -1103.4| 0.0| 0.0| 1103.4|
| 12-12|si| 5| Tz | 145.0| 0.0| 375.2|
| 6- 1|si| 9| Ty | -265.2| 0.0| -423.8| 780.4|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -262502.4| 456886.3| 0.0| -11555.9| 10383.8| 5966.0|
| 6- 1| -681036.6| -60117.1| 0.0| -44605.7| -1352.6| 15478.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 3|Sx | Si | -896.1| 0.0| 0.0| 896.1|
| 12-12|si| 5| Tz | 145.0| 0.0| 327.1|
| 6- 1|si| 9| Ty | -264.2| 0.0| -423.8| 780.1|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -196876.8| 342664.7| 0.0| -11541.1| 10383.8| 5966.0|
| 6- 1| -510777.4| -45200.5| 0.0| -44586.5| -1359.5| 15478.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 3|Sx | Si | -688.9| 0.0| 0.0| 688.9|
| 12-12|si| 5| Tz | 145.0| 0.0| 287.7|
| 6- 1|si| 9| Ty | -263.1| 0.0| -423.8| 779.7|
| 6- 1|si|13| Si | -432.1| 0.0| -392.6| 805.7|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| -311259.3| -67077.5| 0.0| -40317.3| -3037.6| 14148.2|
| 12-12| -131251.2| 228443.2| 0.0| -11526.3| 10383.8| 5966.0|
| 6- 1| -340518.3| -30208.8| 0.0| -44567.3| -1366.3| 15478.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 4|Sx | Si | -483.3| 0.0| 0.0| 483.3|
| 12-12|si| 5| Tz | 145.0| 0.0| 261.0|
| 6- 1|si| 9| TySi | -262.1| 0.0| -423.8| 779.4|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -170259.1| -15142.0| 0.0| -44548.1| -1373.1| 15478.1|
| 12-12| -65625.6| 114221.6| 0.0| -11511.6| 10383.8| 5966.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -362.3| 0.0| 0.0| 362.3|
| 12-12|si| 5| Tz | 145.0| 0.0| 251.1|
| 6- 1|si| 9| TySi | -261.0| 0.0| -423.8| 779.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -44529.0| -1380.0| 15478.1|
| 12-12| 0.0| 0.0| 0.0| -11496.8| 10383.8| 5966.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -260.0| 0.0| 0.0| 260.0|
| 12-12|si| 5| Tz | 145.0| 0.0| 259.9|
| 6- 1|si| 9| Ty | -260.0| 0.0| -423.8| 778.6|
| 6- 1|si|10| Si | -260.0| 0.0| -423.8| 778.6|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 14.64|lm = 6.0|Ncr= 98301293.5|alfa(b)=0.3400|ki=1.0000|
Y |Lc = 88. |Ro = 7.52|lm = 11.7|Ncr= 25937513.6|alfa(c)=0.4900|ki=1.0000|
Caso12-12 - Nodo 3 - Asse Y
Ned = -11614.9|Mzeq = -315002.9|Myeq = 548263.6|Ss = -1062.6 ( 0.406)
P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 380- 372) 691
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 521578.8| 907848.1| 0.0| -11260.3| 10316.5| -5927.0|
| 7- 1| 1804308.0| -29965.5| 0.0| -40480.0| -340.5| -20469.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx | Si | -1712.3| 0.0| 0.0| 1712.3|
| 12-13|si| 6| Tz | 144.0| 0.0| 664.9|
| 7- 1|si| 9| Ty | -238.2| 0.0| 560.4| 999.4|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 456381.4| 794367.1| 0.0| -11245.5| 10316.5| -5927.0|

```

Copertura area carburante - Relazione di calcolo

```

| 7- 1| 1579099.8| -26219.8| 0.0| -40460.8| -340.5| -20477.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx |Si| -1506.4| 0.0| 0.0| 1506.4|
| 12-13|si| 6| Tz | -547.4| 144.0| 0.0| 601.6|
| 7- 1|si| 9| Ty | -237.9| 0.0| 560.6| 999.8|
-----

```

22.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 391184.1| 680886.1| 0.0| -11230.8| 10316.5| -5927.0|
| 7- 1| 1353797.3| -22474.1| 0.0| -40441.7| -340.5| -20486.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx |Si| -1300.5| 0.0| 0.0| 1300.5|
| 12-13|si| 6| Tz | -478.5| 144.0| 0.0| 539.6|
| 7- 1|si| 9| Ty | -237.5| 0.0| 560.9| 1000.1|
-----

```

33.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 325986.7| 567405.1| 0.0| -11216.0| 10316.5| -5927.0|
| 7- 1| 1128400.3| -18728.5| 0.0| -40422.5| -340.5| -20494.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx |Si| -1094.6| 0.0| 0.0| 1094.6|
| 12-13|si| 6| Tz | -409.6| 144.0| 0.0| 479.6|
| 7- 1|si| 9| Ty | -237.2| 0.0| 561.1| 1000.4|
-----

```

44.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 260789.4| 453924.1| 0.0| -11201.3| 10316.5| -5927.0|
| 7- 1| 902909.0| -14982.8| 0.0| -40403.3| -340.5| -20503.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx |Si| -888.7| 0.0| 0.0| 888.7|
| 12-13|si| 6| Tz | -340.7| 144.0| 0.0| 422.2|
| 7- 1|si| 9| Ty | -236.8| 0.0| 561.3| 1000.7|
| 7- 1|si|11| Si| -535.5| 0.0| 520.1| 1048.0|
-----

```

55.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 195592.0| 340443.1| 0.0| -11186.5| 10316.5| -5927.0|
| 7- 1| 677323.3| -11237.1| 0.0| -40384.1| -340.5| -20512.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx |Si| -682.8| 0.0| 0.0| 682.8|
| 12-13|si| 6| Tz | -271.8| 144.0| 0.0| 368.9|
| 7- 1|si| 9| Ty | -236.5| 0.0| 561.6| 1001.0|
| 7- 1|si|11| Si| -460.5| 0.0| 520.3| 1012.1|
-----

```

66.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 327943.3| -82884.7| 0.0| -39384.4| -3756.1| -14906.5|
| 12-13| 130394.7| 226962.0| 0.0| -11171.7| 10316.5| -5927.0|
| 7- 1| 451643.3| -7491.4| 0.0| -40364.9| -340.5| -20520.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -510.0| 0.0| 0.0| 510.0|
| 12-13|si| 6| Tz | -202.9| 144.0| 0.0| 321.5|
| 7- 1|si| 9| TySi| -236.1| 0.0| 561.8| 1001.3|
-----

```

77.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 179237.8| -23848.4| 0.0| -43508.6| -2164.6| -16294.3|
| 12-13| 65197.3| 113481.0| 0.0| -11157.0| 10316.5| -5927.0|
| 7- 1| 225868.8| -3745.7| 0.0| -40345.7| -340.5| -20529.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -373.9| 0.0| 0.0| 373.9|
| 12-13|si| 6| Tz | -134.0| 144.0| 0.0| 283.2|
| 7- 1|si| 9| TySi| -235.8| 0.0| 562.0| 1001.6|
-----

```

88.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -44077.8| -108.4| -19673.1|
| 12-13| 0.0| 0.0| 0.0| -11142.2| 10316.5| -5927.0|
| 7- 1| 0.0| 0.0| 0.0| -40326.5| -340.5| -20537.8|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | -257.4| 0.0| 0.0| 257.4|
| 12-13|si| 6| Tz | -65.1| 144.0| 0.0| 257.8|
| 7- 1|si| 9| Ty | -235.5| 0.0| 562.3| 1001.9|
| 7- 1|si|10| Si| -235.5| 0.0| 562.3| 1001.9|
-----

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 14.64|lm = 6.0|Ncr= 98301293.5|alfa(b)=0.3400|ki=1.0000|
Y |Lc = 88. |Ro = 7.52|lm = 11.7|Ncr= 25937513.6|alfa(c)=0.4900|ki=1.0000|
Caso 8- 1 - Nodo 1 - Asse Y
Ned = -39499.5|Mzeq = 983830.0|Myeq = -246399.9|Ss = -1068.1 ( 0.408)

```

```

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 381- 382) 692
-----

```

0.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| -659953.1| -1235507.6| 0.0| -17959.2| -13994.3| 7499.5|
| 11-13| -898763.7| -378178.2| 0.0| -6493.0| -4297.5| 10213.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

| 8- 1|si| 4|Sx	Si	-2322.6|	0.0|	0.0|	2322.6|
| 8- 1|si| 6| Tz		621.3|	-192.6|	0.0|	705.2|
| 11-13|si| 9| Ty		-61.3|	0.0|	-279.6|	488.2|

PROGR.

11.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	-577458.9|	-1081507.5|	0.0|	-17940.0|	-14005.7|	7499.5|
| 11-13|	-786418.2|	-330905.9|	0.0|	-6478.3|	-4297.5|	10213.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 8- 1|si| 4|Sx	Si	-2046.0|	0.0|	2046.0|	
| 8- 1|si| 6| Tz		530.8|	-192.8|	0.0|	627.1|
| 11-13|si| 9| Ty		-58.3|	0.0|	-279.6|	487.8|

PROGR.

22.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	-494964.8|	-927382.1|	0.0|	-17920.9|	-14017.1|	7499.5|
| 11-13|	-674072.8|	-283633.6|	0.0|	-6463.5|	-4297.5|	10213.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 8- 1|si| 4|Sx	Si	-1769.1|	0.0|	1769.1|	
| 8- 1|si| 6| Tz		440.3|	-192.9|	0.0|	552.7|
| 11-13|si| 9| Ty		-55.3|	0.0|	-279.6|	487.5|

PROGR.

33.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	-412470.7|	-773131.5|	0.0|	-17901.7|	-14028.5|	7499.5|
| 11-13|	-561727.3|	-236361.3|	0.0|	-6448.8|	-4297.5|	10213.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 8- 1|si| 4|Sx	Si	-1492.1|	0.0|	1492.1|	
| 8- 1|si| 6| Tz		349.7|	-193.0|	0.0|	483.8|
| 11-13|si| 9| Ty		-52.3|	0.0|	-279.6|	487.1|

PROGR.

44.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	-329976.5|	-618755.7|	0.0|	-17882.5|	-14039.9|	7499.5|
| 11-13|	-449381.9|	-189089.1|	0.0|	-6434.0|	-4297.5|	10213.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 8- 1|si| 4|Sx	Si	-1214.9|	0.0|	1214.9|	
| 8- 1|si| 6| Tz		259.0|	-193.1|	0.0|	423.1|
| 11-13|si| 9| Ty		-49.3|	0.0|	-279.6|	486.8|

PROGR.

55.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	-247482.4|	-464254.6|	0.0|	-17863.3|	-14051.2|	7499.5|
| 11-13|	-337036.4|	-141816.8|	0.0|	-6419.2|	-4297.5|	10213.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 8- 1|si| 4|Sx	Si	-937.4|	0.0|	937.4|	
| 8- 1|si| 6| Tz		168.3|	-193.3|	0.0|	374.7|
| 11-13|si| 9| Ty		-46.3|	0.0|	-279.6|	486.5|

PROGR.

66.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	-164988.3|	-309628.3|	0.0|	-17844.1|	-14062.6|	7499.5|
| 11-13|	-224690.9|	-94544.5|	0.0|	-6404.5|	-4297.5|	10213.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 8- 1|si| 4|Sx	Si	-659.8|	0.0|	659.8|	
| 8- 1|si| 6| Tz		77.6|	-193.4|	0.0|	343.8|
| 11-13|si| 9| Ty		-43.2|	0.0|	-279.6|	486.2|

PROGR.

77.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	-88098.7|	-149281.3|	0.0|	-19318.9|	-13567.6|	8009.0|
| 8- 1|	-82494.1|	-154876.8|	0.0|	-17824.9|	-14074.0|	7499.5|
| 11-13|	-112345.5|	-47272.3|	0.0|	-6389.7|	-4297.5|	10213.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 4|Sx	Si	-384.6|	0.0|	384.6|	
| 8- 1|si| 6| Tz		-13.2|	-193.5|	0.0|	335.4|
| 11-13|si| 9| TySi		-40.2|	0.0|	-279.6|	486.0|

PROGR.

88.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-19299.8|	-13574.4|	8009.0|
| 8- 1|	0.0|	0.0|	0.0|	-17805.8|	-14085.4|	7499.5|
| 11-13|	0.0|	0.0|	0.0|	-6375.0|	-4297.5|	10213.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 4|Sx	Si	-112.7|	0.0|	112.7|	
| 8- 1|si| 6| Tz		-104.0|	-193.6|	0.0|	351.1|
| 11-13|si| 9| TySi		-37.2|	0.0|	-279.6|	485.7|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 14.64 |lm = 6.0 |Ncr = 98301293.5 |alfa(b) = 0.3400 |ki = 1.0000 |
 Y |Lc = 88. |Ro = 7.52 |lm = 11.7 |Ncr = 25937513.6 |alfa(c) = 0.4900 |ki = 1.0000 |
 Caso 8- 1 - Nodo 4 - Asse Y
 Ned = -17959.2 |Mzeq = -494964.8 |Myeq = -926630.7 |Ss = -1769.2 (0.676)

P_HEB340_S010 (10) stato limite ultimo - ASTA (398- 390) 724
 ----- PROGR. 0.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	652310.6|	-1214977.2|	0.0|	-18886.9|	-13761.0|	-7412.6|

Copertura area carburante - Relazione di calcolo

```

| 7- 1|      1090228.6|-954634.2|      0.0| -19140.9| -10848.1| -12354.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 1|Sx  Si| -2292.7|      0.0|      0.0| 2292.7|
| 8- 1|si| 5|  Tz | -825.9| -189.6|      0.0| 888.8|
| 7- 1|si| 9|   Ty | -170.9|      0.0| 338.2| 610.3|
-----
PROGR.      11.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      570771.8|-1063543.3|      0.0| -18867.7| -13772.4| -7412.6|
| 7- 1|      954280.3|-835304.9|      0.0| -19121.7| -10848.1| -12363.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 1|Sx  Si| -2020.5|      0.0|      0.0| 2020.5|
| 8- 1|si| 5|  Tz | -736.5| -189.7|      0.0| 806.5|
| 7- 1|si| 9|   Ty | -163.4|      0.0| 338.5| 608.6|
-----
PROGR.      22.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      489233.0|-911984.3|      0.0| -18848.5| -13783.8| -7412.6|
| 7- 1|      818237.7|-715975.6|      0.0| -19102.5| -10848.1| -12371.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 1|Sx  Si| -1748.1|      0.0|      0.0| 1748.1|
| 8- 1|si| 5|  Tz | -647.0| -189.9|      0.0| 725.8|
| 7- 1|si| 9|   Ty | -155.9|      0.0| 338.7| 607.0|
-----
PROGR.      33.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      407694.1|-760300.0|      0.0| -18829.3| -13795.2| -7412.6|
| 7- 1|      682100.7|-596646.4|      0.0| -19083.3| -10848.1| -12380.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 1|Sx  Si| -1475.4|      0.0|      0.0| 1475.4|
| 8- 1|si| 5|  Tz | -557.5| -190.0|      0.0| 647.4|
| 7- 1|si| 9|   Ty | -148.4|      0.0| 338.9| 605.5|
-----
PROGR.      44.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      326155.3|-608490.5|      0.0| -18810.1| -13806.6| -7412.6|
| 7- 1|      545869.3|-477317.1|      0.0| -19064.1| -10848.1| -12389.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 1|Sx  Si| -1202.6|      0.0|      0.0| 1202.6|
| 8- 1|si| 5|  Tz | -468.0| -190.1|      0.0| 572.2|
| 7- 1|si| 9|   Ty | -140.9|      0.0| 339.2| 604.1|
-----
PROGR.      55.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      244616.5|-456555.7|      0.0| -18791.0| -13817.9| -7412.6|
| 7- 1|      409543.6|-357987.8|      0.0| -19045.0| -10848.1| -12397.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 1|Sx  Si| -929.6|      0.0|      0.0| 929.6|
| 8- 1|si| 5|  Tz | -378.4| -190.2|      0.0| 501.8|
| 7- 1|si| 9|   Ty | -133.4|      0.0| 339.4| 602.8|
-----
PROGR.      66.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      163077.7|-304495.7|      0.0| -18771.8| -13829.3| -7412.6|
| 7- 1|      273123.4|-238658.5|      0.0| -19025.8| -10848.1| -12406.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 1|Sx  Si| -656.4|      0.0|      0.0| 656.4|
| 8- 1|si| 5|  Tz | -288.8| -190.4|      0.0| 438.3|
| 7- 1|si| 9|   Ty | -125.9|      0.0| 339.6| 601.6|
-----
PROGR.      77.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      87056.3|-146164.7|      0.0| -20346.7| -13284.3| -7914.2|
| 8- 1|      81538.8|-152310.5|      0.0| -18752.6| -13840.7| -7412.6|
| 7- 1|      136608.9|-119329.3|      0.0| -19006.6| -10848.1| -12414.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -385.3|      0.0|      0.0| 385.3|
| 8- 1|si| 5|  Tz | -199.1| -190.5|      0.0| 385.4|
| 7- 1|si| 9|   TySi| -118.4|      0.0| 339.9| 600.5|
-----
PROGR.      88.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -20479.9| -11488.7| -10920.6|
| 8- 1|      0.0|      0.0|      0.0| -18733.4| -13852.1| -7412.6|
| 7- 1|      0.0|      0.0|      0.0| -18987.4| -10848.1| -12423.3|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -119.6|      0.0|      0.0| 119.6|
| 8- 1|si| 5|  Tz | -109.4| -190.6|      0.0| 347.8|
| 7- 1|si| 9|   TySi| -110.9|      0.0| 340.1| 599.4|
-----

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 14.64|lm = 6.0|Ncr= 98301293.5|alfa(b)=0.3400|ki=1.0000|
Y |Lc = 88. |Ro = 7.52|lm = 11.7|Ncr= 25937513.6|alfa(c)=0.4900|ki=1.0000|
Caso 8- 1 - Nodo 1 - Asse Y
Ned = -18886.9|Mzeq = 489233.0|Myeq = -911232.9|Ss = -1748.2 ( 0.667)

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P_HEB340_S010 ( 10)      stato limite ultimo - ASTA ( 822- 307) 1495
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PROGR.      0.

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Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	-383372.8	-986874.5	0.0	-6336.2	-3872.3	947.2	
12-11	325828.8	-990033.5	0.0	-6980.1	-3894.5	-1367.9	
11-10	1253824.4	212795.4	0.0	-5933.5	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	Si	-1741.9	0.0	1741.9
12-11	si	5	Tz		-528.7	-50.0	0.0
11-10	si	9	Ty		-21.5	0.0	119.3
							60.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	-326540.9	-754537.3	0.0	-6255.7	-3872.3	947.2	
12-11	243757.8	-756361.4	0.0	-6899.6	-3894.5	-1367.9	
11-10	992317.9	172861.2	0.0	-5853.0	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	Si	-1355.5	0.0	1355.5
12-11	si	5	Tz		-410.7	-50.0	0.0
11-10	si	9	Ty		-23.5	0.0	119.3
							120.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	-269709.0	-522200.1	0.0	-6175.2	-3872.3	947.2	
12-11	161686.7	-522689.4	0.0	-6819.1	-3894.5	-1367.9	
11-10	730811.4	132927.0	0.0	-5772.5	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	Si	-969.2	0.0	969.2
12-11	si	5	Tz		-292.6	-50.0	0.0
11-10	si	9	Ty		-25.5	0.0	119.3
							180.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	-212877.1	-289862.9	0.0	-6094.8	-3872.3	947.2	
12-11	79615.7	-289017.3	0.0	-6738.6	-3894.5	-1367.9	
11-10	469304.9	92992.8	0.0	-5692.0	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	Si	-582.8	0.0	582.8
12-11	si	5	Tz		-174.6	-50.0	0.0
11-10	si	9	Ty		-27.5	0.0	119.3
							240.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-206779.1	65016.8	0.0	-17874.6	-3103.7	-938.1	
12-11	-2455.4	-55345.2	0.0	-6658.1	-3894.5	-1367.9	
11-10	207798.4	53058.6	0.0	-5611.5	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	Si	-300.7	0.0	300.7
12-11	si	5	Tz		-56.6	-50.0	0.0
11-10	si	9	Ty		-29.5	0.0	119.3
							300.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-263905.6	251237.8	0.0	-17770.0	-3103.7	-966.1	
12-11	-84526.4	178326.9	0.0	-6577.6	-3894.5	-1367.9	
11-10	-53708.0	13124.4	0.0	-5531.0	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	Si	-614.8	0.0	614.8
12-11	si	5	Tz		61.4	-50.0	0.0
11-10	si	9	Ty		-31.5	0.0	119.3
							360.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-322717.0	437458.8	0.0	-17665.4	-3103.7	-994.2	
12-11	-166597.5	411999.0	0.0	-6497.1	-3894.5	-1367.9	
11-10	-315214.5	-26809.8	0.0	-5450.5	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	Si	-929.6	0.0	929.6
12-11	si	5	Tz		179.5	-50.0	0.0
11-10	si	9	Ty		-33.5	0.0	119.3
							420.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-383213.1	623679.8	0.0	-17560.7	-3103.7	-1022.3	
12-11	-248668.5	645671.0	0.0	-6416.6	-3894.5	-1367.9	
11-10	-576721.0	-66744.0	0.0	-5370.1	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	Si	-1245.2	0.0	1245.2
12-11	si	5	Tz		297.5	-50.0	0.0
11-10	si	9	Ty		-35.5	0.0	119.3
							480.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-445394.1	809900.8	0.0	-17456.1	-3103.7	-1050.4	
12-11	-330739.6	879343.1	0.0	-6336.1	-3894.5	-1367.9	
11-10	-838227.5	-106678.2	0.0	-5289.6	665.6	-4358.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	Si	-1561.6	0.0	1561.6
12-11	si	5	Tz		415.5	-50.0	0.0
11-10	si	9	Ty		-37.5	0.0	119.3

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

| L0 = 480. |
 Z | Lc = 480. | Ro = 14.64 | lm = 32.8 | Ncr = 3304015.7 | alfa (b) = 0.3400 | ki = 0.9349 |
 Y | Lc = 480. | Ro = 7.52 | lm = 63.8 | Ncr = 871788.7 | alfa (c) = 0.4900 | ki = 0.7029 |
 Caso 5- 1 - Nodo 3 - Asse Y
 Ned = -18293.2 | Mzeq = -334045.6 | Myeq = 607425.6 | Ss = -1267.8 (0.484)

P_HEB340_S010 (10) stato limite ultimo - ASTA (823- 308) 1496
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	-345090.5	-998847.5	0.0	-6796.1	-3931.5	1389.6
7- 1	-1186679.8	-670153.6	0.0	-16858.9	-3048.8	4769.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-14	si	4	Sx	Si	-1745.4	0.0	0.0	1745.4
7- 1	si	6	Tz	Ty	679.0	-57.9	0.0	686.4
7- 1	si	9	Ty	Sx	-139.9	0.0	-130.6	265.9

----- PROGR. 60.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	291116.4	-759642.1	0.0	-6076.7	-3906.9	-790.9
7- 1	-901935.4	-487227.8	0.0	-16754.3	-3048.8	4722.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	1	Sx	Si	-1346.0	0.0	0.0	1346.0
7- 1	si	6	Tz	Ty	485.6	-57.6	0.0	495.7
7- 1	si	9	Ty	Sx	-128.0	0.0	-129.3	257.9

----- PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	243660.5	-525229.2	0.0	-5996.3	-3906.9	-790.9
7- 1	-619998.9	-304302.0	0.0	-16649.6	-3048.8	4675.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	1	Sx	Si	-960.7	0.0	0.0	960.7
7- 1	si	6	Tz	Ty	293.4	-57.4	0.0	309.8
7- 1	si	9	Ty	Sx	-116.1	0.0	-128.0	250.2

----- PROGR. 180.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	196204.7	-290816.4	0.0	-5915.8	-3906.9	-790.9
7- 1	-340870.5	-121376.1	0.0	-16545.0	-3048.8	4628.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	1	Sx	Si	-575.5	0.0	0.0	575.5
7- 1	si	6	Tz	Ty	102.5	-57.2	0.0	142.5
7- 1	si	9	Ty	Sx	-104.1	0.0	-126.7	242.9

----- PROGR. 240.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	107884.7	82242.7	0.0	-16953.6	-2354.2	2360.7
7- 1	-64550.1	61549.7	0.0	-16440.4	-3048.8	4581.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-276.2	0.0	0.0	276.2
7- 1	si	6	Tz	Ty	-87.1	-56.9	0.0	131.5
7- 1	si	9	Ty	Sx	-92.2	0.0	-125.4	236.0

----- PROGR. 300.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	239107.9	262119.7	0.0	-17517.3	-3180.4	3743.5
7- 1	208962.3	244475.5	0.0	-16335.7	-3048.8	4535.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-618.7	0.0	0.0	618.7
7- 1	si	6	Tz	Ty	-275.3	-56.7	0.0	292.3
7- 1	si	9	Ty	Sx	-80.2	0.0	-124.2	229.5

----- PROGR. 360.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	462876.6	452942.9	0.0	-17412.7	-3180.4	3715.4
7- 1	479666.7	427401.3	0.0	-16231.1	-3048.8	4488.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-1017.0	0.0	0.0	1017.0
7- 1	si	6	Tz	Ty	-462.3	-56.4	0.0	472.5
7- 1	si	9	Ty	Sx	-68.3	0.0	-122.9	223.5

----- PROGR. 420.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	684960.4	643766.1	0.0	-17308.1	-3180.4	3687.4
7- 1	747563.1	610327.1	0.0	-16126.4	-3048.8	4441.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-1414.5	0.0	0.0	1414.5
7- 1	si	6	Tz	Ty	-648.0	-56.2	0.0	655.3
7- 1	si	9	Ty	Sx	-56.4	0.0	-121.6	218.0

----- PROGR. 480.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	905359.5	834589.3	0.0	-17203.4	-3180.4	3659.3
7- 1	1012651.6	793252.9	0.0	-16021.8	-3048.8	4394.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-1811.3	0.0	0.0	1811.3
7- 1	si	6	Tz	Ty	-832.4	-56.0	0.0	838.0
7- 1	si	9	Ty	Sx	-44.4	0.0	-120.3	213.1

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

|L0 = 480.1
 Z |Lc = 480.1 |Ro = 14.64 |lm = 32.8 |Ncr = 3304015.7 |alfa (b) = 0.3400 |ki = 0.9349 |
 Y |Lc = 480.1 |Ro = 7.52 |lm = 63.8 |Ncr = 871788.7 |alfa (c) = 0.4900 |ki = 0.7029 |
 Caso 7- 1 - Nodo 3 - Asse Y
 Ned = -16858.9 |Mzeq = -890009.8 |Myeq = 594939.7 |Ss = -1493.1 (0.570)

P_HEB340_S010 (10) stato limite ultimo - ASTA (824- 326) 1497
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2 |	-473681.5 |	1002275.5 |	0.0 |	-12401.2 |	3914.8 |	1965.9 |
7- 1 |	-1591921.1 |	-222039.6 |	0.0 |	-40998.3 |	-771.5 |	6928.3 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2 |si | 3 |	Sx	Si	-1843.0 |	0.0 |	0.0 |	1843.0 |	
12- 2 |si | 5 |	Tz		488.1 |	53.2 |	0.0 |	496.8 |	
7- 1 |si | 9 |	Ty		-253.1 |	0.0 |	-189.7 |	414.7 |	

----- PROGR. 60.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2 |	-355725.7 |	767390.4 |	0.0 |	-12320.7 |	3914.8 |	1965.9 |
7- 1 |	-1177629.0 |	-175752.2 |	0.0 |	-40893.7 |	-771.5 |	6881.5 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2 |si | 3 |	Sx	Si	-1424.4 |	0.0 |	0.0 |	1424.4 |	
12- 2 |si | 5 |	Tz		354.0 |	53.2 |	0.0 |	365.8 |	
7- 1 |si | 9 |	Ty		-249.6 |	0.0 |	-188.4 |	410.9 |	

----- PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2 |	-237769.9 |	532505.2 |	0.0 |	-12240.2 |	3914.8 |	1965.9 |
7- 1 |	-766144.8 |	-129464.7 |	0.0 |	-40789.1 |	-771.5 |	6834.7 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2 |si | 3 |	Sx	Si	-1005.7 |	0.0 |	0.0 |	1005.7 |	
12- 2 |si | 5 |	Tz		219.9 |	53.2 |	0.0 |	238.5 |	
7- 1 |si | 9 |	Ty		-246.2 |	0.0 |	-187.1 |	407.0 |	

----- PROGR. 180.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 3 |	202891.3 |	298432.3 |	0.0 |	-11260.9 |	3910.0 |	-606.7 |
12- 2 |	-119814.2 |	297620.1 |	0.0 |	-12159.7 |	3914.8 |	1965.9 |
7- 1 |	-357468.7 |	-83177.3 |	0.0 |	-40684.4 |	-771.5 |	6787.9 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 3 |si | 2 |	Sx	Si	-621.6 |	0.0 |	0.0 |	621.6 |	
12- 2 |si | 5 |	Tz		85.8 |	53.2 |	0.0 |	125.9 |	
7- 1 |si | 9 |	Ty		-242.7 |	0.0 |	-185.8 |	403.1 |	

----- PROGR. 240.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	249774.5 |	-28877.9 |	0.0 |	-43851.1 |	131.8 |	4236.8 |
12- 2 |	-1858.4 |	62735.0 |	0.0 |	-12079.3 |	3914.8 |	1965.9 |
7- 1 |	48399.5 |	-36889.8 |	0.0 |	-40579.8 |	-771.5 |	6741.1 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 |si | 1 |	Sx	Si	-416.3 |	0.0 |	0.0 |	416.3 |	
12- 2 |si | 5 |	Tz		-48.3 |	53.2 |	0.0 |	104.1 |	
7- 1 |si | 9 |	Ty		-239.2 |	0.0 |	-184.6 |	399.3 |	

----- PROGR. 300.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	503982.2 |	-35670.2 |	0.0 |	-43746.4 |	94.6 |	4236.8 |
12- 2 |	116097.4 |	-172150.2 |	0.0 |	-11998.8 |	3914.8 |	1965.9 |
7- 1 |	451459.6 |	9397.6 |	0.0 |	-40475.1 |	-771.5 |	6694.3 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 |si | 1 |	Sx	Si	-543.9 |	0.0 |	0.0 |	543.9 |	
12- 2 |si | 5 |	Tz		-182.4 |	53.2 |	0.0 |	204.4 |	
7- 1 |si | 9 |	Ty		-235.7 |	0.0 |	-183.3 |	395.4 |	

----- PROGR. 360.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2 |	234053.2 |	-407035.3 |	0.0 |	-11918.3 |	3914.8 |	1965.9 |
7- 1 |	851711.7 |	55685.0 |	0.0 |	-40370.5 |	-771.5 |	6647.5 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2 |si | 1 |	Sx	Si	-807.9 |	0.0 |	0.0 |	807.9 |	
12- 2 |si | 5 |	Tz		-316.5 |	53.2 |	0.0 |	329.7 |	
7- 1 |si | 9 |	Ty		-232.3 |	0.0 |	-182.0 |	391.5 |	

----- PROGR. 420.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2 |	352008.9 |	-641920.4 |	0.0 |	-11837.8 |	3914.8 |	1965.9 |
7- 1 |	1249155.9 |	101972.5 |	0.0 |	-40265.9 |	-771.5 |	6600.7 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2 |si | 1 |	Sx	Si	-1225.6 |	0.0 |	0.0 |	1225.6 |	
12- 2 |si | 5 |	Tz		-450.6 |	53.2 |	0.0 |	460.0 |	
7- 1 |si | 9 |	Ty		-228.8 |	0.0 |	-180.7 |	387.7 |	

----- PROGR. 480.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2 |	469964.7 |	-876805.5 |	0.0 |	-11757.3 |	3914.8 |	1965.9 |
7- 1 |	1643792.0 |	148259.9 |	0.0 |	-40161.2 |	-771.5 |	6553.9 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2 |si | 1 |	Sx	Si					

Copertura area carburante - Relazione di calcolo

| 12- 2|si| 1|Sx	Si	-1643.3|	0.0|	0.0|	1643.3|
| 12- 2|si| 5| Tz		-584.7|	53.2|	0.0|	592.0|
| 7- 1|si| 9| Ty		-225.3|	0.0|	-179.4|	383.9|

 VERIFICA STABILITA` :

|L0 = 480. |
 Z |Lc = 480. |Ro = 14.64|lm = 32.8|Ncr= 3304015.7|alfa(b)=0.3400|ki=0.9349|
 Y |Lc = 480. |Ro = 7.52|lm = 63.8|Ncr= 871788.7|alfa(c)=0.4900|ki=0.7029|
 Caso 7- 1 - Nodo 1 - Asse Y
 Ned = -40998.3|Mzeq = 1232844.0|Myeq = -166529.7|Ss = -1188.8 (0.454)

P_HEB340_S010 (10) stato limite ultimo - ASTA (825- 344) 1498
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12- 2|	-504261.0|	999775.6|	0.0|	-8996.3|	3897.3|	2084.7|
| 7- 1|	-1652363.4|	-25835.9|	0.0|	-32258.2|	0.2|	7167.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 12- 2|si| 3|Sx	Si	-1833.4|	0.0|	0.0|	1833.4|
| 12- 2|si| 5| Tz		521.3|	53.6|	0.0|	529.5|
| 7- 1|si| 9| Ty		-189.9|	0.0|	-196.2|	389.3|

----- PROGR. 60.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12- 2|	-379177.0|	765938.3|	0.0|	-8915.8|	3897.3|	2084.7|
| 7- 1|	-1223731.7|	-25846.2|	0.0|	-32153.6|	0.2|	7120.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 12- 2|si| 3|Sx	Si	-1413.1|	0.0|	0.0|	1413.1|
| 12- 2|si| 5| Tz		384.3|	53.6|	0.0|	395.3|
| 7- 1|si| 9| Ty		-189.3|	0.0|	-194.9|	387.1|

----- PROGR. 120.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12- 2|	-254092.9|	532101.0|	0.0|	-8835.3|	3897.3|	2084.7|
| 7- 1|	-797907.9|	-25856.6|	0.0|	-32048.9|	0.2|	7073.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 12- 2|si| 3|Sx	Si	-992.8|	0.0|	0.0|	992.8|
| 12- 2|si| 5| Tz		247.2|	53.6|	0.0|	264.1|
| 7- 1|si| 9| Ty		-188.7|	0.0|	-193.7|	384.9|

----- PROGR. 180.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12-15|	197600.4|	-300468.5|	0.0|	-8687.7|	-3759.0|	-548.5|
| 12- 2|	-129008.9|	298263.7|	0.0|	-8754.8|	3897.3|	2084.7|
| 7- 1|	-374892.2|	-25866.9|	0.0|	-31944.3|	0.2|	7026.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 12-15|si| 1|Sx	Si	-607.3|	0.0|	0.0|	607.3|
| 12- 2|si| 5| Tz		110.2|	53.6|	0.0|	144.1|
| 7- 1|si| 9| Ty		-188.1|	0.0|	-192.4|	382.6|

----- PROGR. 240.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	257821.5|	-18171.8|	0.0|	-34020.2|	891.9|	4323.7|
| 12- 2|	-3924.8|	64426.4|	0.0|	-8674.3|	3897.3|	2084.7|
| 7- 1|	45315.5|	-25877.2|	0.0|	-31839.6|	0.2|	6980.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-346.1|	0.0|	0.0|	346.1|
| 12- 2|si| 5| Tz		-26.9|	53.6|	0.0|	96.7|
| 7- 1|si| 9| TySi		-187.5|	0.0|	-191.1|	380.4|

----- PROGR. 300.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	517244.8|	-70566.9|	0.0|	-33915.5|	854.6|	4323.7|
| 12- 2|	121159.2|	-169410.9|	0.0|	-8593.8|	3897.3|	2084.7|
| 7- 1|	462715.2|	-25887.6|	0.0|	-31735.0|	0.2|	6933.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-546.7|	0.0|	0.0|	546.7|
| 12- 2|si| 5| Tz		-163.9|	53.6|	0.0|	188.4|
| 7- 1|si| 9| Ty		-186.9|	0.0|	-189.8|	378.2|

----- PROGR. 360.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12- 2|	246243.3|	-403248.2|	0.0|	-8513.3|	3897.3|	2084.7|
| 7- 1|	877307.0|	-25897.9|	0.0|	-31630.4|	0.2|	6886.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 12- 2|si| 1|Sx	Si	-787.8|	0.0|	0.0|	787.8|
| 12- 2|si| 5| Tz		-301.0|	53.6|	0.0|	315.0|
| 7- 1|si| 9| Ty		-186.3|	0.0|	-188.5|	375.9|

----- PROGR. 420.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12- 2|	371327.4|	-637085.6|	0.0|	-8432.8|	3897.3|	2084.7|
| 7- 1|	1289090.7|	-25908.2|	0.0|	-31525.7|	0.2|	6839.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 12- 2|si| 1|Sx	Si	-1207.2|	0.0|	0.0|	1207.2|
| 12- 2|si| 5| Tz		-438.0|	53.6|	0.0|	447.8|
| 7- 1|si| 9| Ty		-185.7|	0.0|	-187.3|	373.7|

----- PROGR. 480.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
------	----	----	----	---	----	----

Copertura area carburante - Relazione di calcolo

```

| 12- 2| 496411.4| -870922.9| 0.0| -8352.3| 3897.3| 2084.7|
| 7- 1| 1698066.4| -25918.6| 0.0| -31421.1| 0.2| 6792.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 2|si| 1|Sx | Si | -1626.6| 0.0| 0.0| 1626.6|
| 12- 2|si| 5| Tz | | -575.1| 53.6| 0.0| 582.5|
| 7- 1|si| 9| Ty | | -185.1| 0.0| -186.0| 371.5|

```

VERIFICA STABILITA` :

```

|L0 = 480. |
Z |Lc = 480. |Ro = 14.64|lm = 32.8|Ncr= 3304015.7|alfa(b)=0.3400|ki=0.9349|
Y |Lc = 480. |Ro = 7.52|lm = 63.8|Ncr= 871788.7|alfa(c)=0.4900|ki=0.7029|
Caso 8- 1 - Nodo 2 - Asse Y
Ned = -31275.2|Mzeq = 891692.8|Myeq = 273287.1|Ss = -1115.2 ( 0.426)

```

```

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 826- 362) 1499
----- PROGR. 0.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| -515676.1| -995898.1| 0.0| -7888.5| -3856.9| 2126.7|
| 7- 1| -1700764.7| 55008.9| 0.0| -28460.6| 197.5| 7454.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 4|Sx | Si | -1826.2| 0.0| 0.0| 1826.2|
| 12-13|si| 6| Tz | | 531.7| -53.4| 0.0| 539.7|
| 7- 1|si| 9| Ty | | -162.8| 0.0| -204.1| 389.2|

```

----- PROGR. 60.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| -388076.2| -764485.4| 0.0| -7808.0| -3856.9| 2126.7|
| 7- 1| -1254910.0| 43159.4| 0.0| -28356.0| 197.5| 7407.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 4|Sx | Si | -1408.5| 0.0| 0.0| 1408.5|
| 12-13|si| 6| Tz | | 394.4| -53.4| 0.0| 405.1|
| 7- 1|si| 9| Ty | | -162.9| 0.0| -202.8| 387.2|

```

----- PROGR. 120.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| -260476.4| -533072.8| 0.0| -7727.5| -3856.9| 2126.7|
| 7- 1| -811863.3| 31310.0| 0.0| -28251.3| 197.5| 7360.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 4|Sx | Si | -990.8| 0.0| 0.0| 990.8|
| 12-13|si| 6| Tz | | 257.0| -53.4| 0.0| 273.1|
| 7- 1|si| 9| Ty | | -163.0| 0.0| -201.5| 385.2|

```

----- PROGR. 180.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 4| 202267.6| 299836.4| 0.0| -7514.4| 3804.8| -464.3|
| 12-13| -132876.5| -301660.2| 0.0| -7647.0| -3856.9| 2126.7|
| 7- 1| -371624.6| 19460.5| 0.0| -28146.7| 197.5| 7313.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 4|si| 2|Sx | Si | -601.6| 0.0| 0.0| 601.6|
| 12-13|si| 6| Tz | | 119.6| -53.4| 0.0| 151.2|
| 7- 1|si| 9| Ty | | -163.1| 0.0| -200.2| 383.3|

```

----- PROGR. 240.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 282029.4| 17467.6| 0.0| -30057.7| 1037.8| 4648.0|
| 12-13| -5276.7| -70247.6| 0.0| -7566.5| -3856.9| 2126.7|
| 7- 1| 65806.2| 7611.1| 0.0| -28042.0| 197.5| 7267.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -333.1| 0.0| 0.0| 333.1|
| 12-13|si| 6| Tz | | -17.8| -53.4| 0.0| 94.2|
| 7- 1|si| 9| Ty | | -163.3| 0.0| -199.0| 381.3|
| 7- 1|si|10| Si | | -164.2| 0.0| -199.0| 381.7|

```

----- PROGR. 300.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 505952.9| -72437.7| 0.0| -27243.6| 1559.5| 4301.9|
| 12-13| 122323.2| 161165.1| 0.0| -7486.0| -3856.9| 2126.7|
| 7- 1| 500428.9| -4238.4| 0.0| -27937.4| 197.5| 7220.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 1|Sx | Si | -505.4| 0.0| 0.0| 505.4|
| 12-13|si| 6| Tz | | -155.2| -53.4| 0.0| 180.7|
| 7- 1|si| 9| Ty | | -163.4| 0.0| -197.7| 379.4|

```

----- PROGR. 360.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 249923.0| 392577.7| 0.0| -7405.5| -3856.9| 2126.7|
| 7- 1| 932243.6| -16087.9| 0.0| -27832.8| 197.5| 7173.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx | Si | -766.6| 0.0| 0.0| 766.6|
| 12-13|si| 6| Tz | | -292.6| -53.4| 0.0| 306.9|
| 7- 1|si| 9| Ty | | -163.5| 0.0| -196.4| 377.4|

```

----- PROGR. 420.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 377522.9| 623990.3| 0.0| -7325.0| -3856.9| 2126.7|
| 7- 1| 1361250.3| -27937.3| 0.0| -27728.1| 197.5| 7126.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-13|si| 2|Sx | Si | -1183.3| 0.0| 0.0| 1183.3|

```

Copertura area carburante - Relazione di calcolo

```

| 12-13|si| 6| Tz | -430.0| -53.4| 0.0| 439.8|
| 7- 1|si| 9| Ty | -163.6| 0.0| -195.1| 375.5|
-----
PROGR. 480.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 505122.8| 855402.9| 0.0| -7244.5| -3856.9| 2126.7|
| 7- 1| 1787449.0| -39786.8| 0.0| -27623.5| 197.5| 7079.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx | Si | -1600.1| 0.0| 0.0| 1600.1|
| 12-13|si| 6| Tz | -567.4| -53.4| 0.0| 574.9|
| 7- 1|si| 9| Ty | -163.7| 0.0| -193.8| 373.5|
-----
VERIFICA STABILITA` :
| L0 = 480. |
Z | Lc = 480. | Ro = 14.64 | lm = 32.8 | Ncr = 3304015.7 | alfa(b) = 0.3400 | ki = 0.9349 |
Y | Lc = 480. | Ro = 7.52 | lm = 63.8 | Ncr = 871788.7 | alfa(c) = 0.4900 | ki = 0.7029 |
Caso 8- 1 - Nodo 2 - Asse Y
Ned = -27766.8 | Mzeq = 960223.1 | Myeq = 331492.5 | Ss = -1208.8 ( 0.462)
P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 827- 380) 1500
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| -543722.7| -1026073.9| 0.0| -11931.4| -4029.0| 2219.4|
| 7- 1| -1695046.4| 138896.2| 0.0| -41222.1| 351.8| 7477.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 4|Sx | Si | -1909.5| 0.0| 0.0| 1909.5|
| 12-13|si| 6| Tz | 531.4| -55.8| 0.0| 540.1|
| 7- 1|si| 9| Ty | -232.1| 0.0| -204.7| 423.8|
-----
PROGR. 60.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| -410560.0| -784333.6| 0.0| -11850.9| -4029.0| 2219.4|
| 7- 1| -1247799.1| 117788.5| 0.0| -41117.4| 351.8| 7430.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 4|Sx | Si | -1473.2| 0.0| 0.0| 1473.2|
| 12-13|si| 6| Tz | 387.9| -55.8| 0.0| 399.8|
| 7- 1|si| 9| Ty | -232.8| 0.0| -203.4| 422.3|
-----
PROGR. 120.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| -277397.3| -542593.4| 0.0| -11770.4| -4029.0| 2219.4|
| 7- 1| -803359.8| 96680.7| 0.0| -41012.8| 351.8| 7383.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 4|Sx | Si | -1036.9| 0.0| 0.0| 1036.9|
| 12-13|si| 6| Tz | 244.4| -55.8| 0.0| 262.8|
| 7- 1|si| 9| Ty | -233.5| 0.0| -202.2| 420.8|
-----
PROGR. 180.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-16| 224127.1| -299464.4| 0.0| -10714.7| -4014.2| -651.3|
| 12-13| -144234.7| -300853.1| 0.0| -11689.9| -4029.0| 2219.4|
| 7- 1| -361728.5| 75573.0| 0.0| -40908.2| 351.8| 7337.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-16|si| 1|Sx | Si | -629.8| 0.0| 0.0| 629.8|
| 12-13|si| 6| Tz | 101.0| -55.8| 0.0| 139.7|
| 7- 1|si| 9| Ty | -234.2| 0.0| -200.9| 419.4|
-----
PROGR. 240.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 292557.8| 67130.8| 0.0| -43970.6| 1140.4| 4755.6|
| 12-13| -11072.0| -59112.9| 0.0| -11609.4| -4029.0| 2219.4|
| 7- 1| 77094.8| 54465.3| 0.0| -40803.5| 351.8| 7290.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -496.0| 0.0| 0.0| 496.0|
| 12-13|si| 6| Tz | -42.5| -55.8| 0.0| 105.5|
| 7- 1|si| 9| Ty | -234.9| 0.0| -199.6| 417.9|
-----
PROGR. 300.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 573009.6| 41420.3| 0.0| -44440.5| 283.1| 6466.6|
| 12-13| 122090.7| 182627.4| 0.0| -11528.9| -4029.0| 2219.4|
| 7- 1| 513110.1| 33357.6| 0.0| -40698.9| 351.8| 7243.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -588.8| 0.0| 0.0| 588.8|
| 12-13|si| 6| Tz | -186.0| -55.8| 0.0| 209.6|
| 7- 1|si| 9| Ty | -235.6| 0.0| -198.3| 416.5|
-----
PROGR. 360.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 255253.4| 424367.6| 0.0| -11448.4| -4029.0| 2219.4|
| 7- 1| 946317.4| 12249.9| 0.0| -40594.2| 351.8| 7196.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-13|si| 2|Sx | Si | -841.8| 0.0| 0.0| 841.8|
| 12-13|si| 6| Tz | -329.5| -55.8| 0.0| 343.4|
| 7- 1|si| 9| Ty | -236.3| 0.0| -197.0| 415.1|
-----
PROGR. 420.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-13| 388416.1| 666107.9| 0.0| -11367.9| -4029.0| 2219.4|

```

Copertura area carburante - Relazione di calcolo

```

| 7- 1|      1376716.7| -8857.8|      0.0| -40489.6|      351.8|      7149.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-13|si| 2|Sx  Si| -1277.2|      0.0|      0.0| 1277.2|
| 12-13|si| 6|  Tz | -473.0| -55.8|      0.0| 482.7|
| 7- 1|si| 9|  Ty | -237.0|      0.0| -195.7| 413.6|
-----
PROGR.      480.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-13|      521578.8| 907848.1|      0.0| -11287.4| -4029.0| 2219.4|
| 7- 1|      1804308.0| -29965.5|      0.0| -40384.9|      351.8| 7103.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-13|si| 2|Sx  Si| -1712.5|      0.0|      0.0| 1712.5|
| 12-13|si| 6|  Tz | -616.5| -55.8|      0.0| 624.0|
| 7- 1|si| 9|  Ty | -237.6|      0.0| -194.5| 412.2|
-----
PROGR.

```

VERIFICA STABILITA` :

```

|L0 = 480. |
Z |Lc = 480. |Ro = 14.64|lm = 32.8|Ncr= 3304015.7|alfa(b)=0.3400|ki=0.9349|
Y |Lc = 480. |Ro = 7.52|lm = 63.8|Ncr= 871788.7|alfa(c)=0.4900|ki=0.7029|
Caso 8- 1 - Nodo 2 - Asse Y
Ned = -40264.5|Mzeq = 983830.0|Myeq = 394617.4|Ss = -1435.8 ( 0.548)

```

```

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 828- 398) 1501
-----
PROGR.      0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1| -434217.8| 1110958.2|      0.0| -19866.2| 5094.1| 2263.6|
| 7- 1| -1249640.4| 747579.3|      0.0| -20122.8| 3546.3| 5061.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 3|Sx  Si| -2036.5|      0.0|      0.0| 2036.5|
| 8- 1|si| 5|  Tz | 463.3| 67.8|      0.0| 477.9|
| 7- 1|si| 9|  Ty | -71.2|      0.0| -138.6| 250.4|
-----
PROGR.      60.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1| -298401.8| 807175.3|      0.0| -19761.6| 5032.0| 2263.6|
| 11- 4| -1164603.9| -165244.0|      0.0| -6644.2| -543.2| 5041.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 3|Sx  Si| -1502.8|      0.0|      0.0| 1502.8|
| 8- 1|si| 5|  Tz | 297.6| 67.1|      0.0| 319.5|
| 11- 4|si| 9|  Ty | -49.0|      0.0| -138.0| 244.0|
-----
PROGR.      120.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 4|      314788.0| 530608.7|      0.0| -6525.8| 4007.9| -1181.4|
| 8- 1| -162585.7| 507118.4|      0.0| -19656.9| 4969.9| 2263.6|
| 11- 4| -862118.9| -132651.9|      0.0| -6563.7| -543.2| 5041.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12- 4|si| 2|Sx  Si| -1005.1|      0.0|      0.0| 1005.1|
| 8- 1|si| 5|  Tz | 133.2| 66.4|      0.0| 175.9|
| 11- 4|si| 9|  Ty | -46.5|      0.0| -138.0| 243.5|
-----
PROGR.      180.

```

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 4|      243903.2| 290136.0|      0.0| -6445.3| 4007.9| -1181.4|
| 8- 1| -26769.7| 210787.4|      0.0| -19552.3| 4907.8| 2263.6|
| 11- 4| -559634.0| -100059.8|      0.0| -6483.3| -543.2| 5041.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12- 4|si| 2|Sx  Si| -599.6|      0.0|      0.0| 599.6|
| 8- 1|si| 5|  Tz | -30.0| 65.7|      0.0| 117.7|
| 11- 4|si| 9|  Ty | -44.0|      0.0| -138.0| 243.1|
-----
PROGR.      240.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      123604.1| -104012.5|      0.0| -21057.6| 4504.5| 2386.9|
| 8- 1|      109046.4| -81817.5|      0.0| -19447.6| 4845.7| 2263.6|
| 11- 4| -257149.0| -67467.7|      0.0| -6402.8| -543.2| 5041.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -341.1|      0.0|      0.0| 341.1|
| 8- 1|si| 5|  Tz | -191.9| 65.0|      0.0| 222.5|
| 11- 4|si| 9|  Ty | -41.6|      0.0| -138.0| 242.6|
-----
PROGR.      300.

```

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      266815.6| -373166.2|      0.0| -20953.0| 4467.3| 2386.9|
| 8- 1|      244862.4| -370696.4|      0.0| -19343.0| 4783.6| 2263.6|
| 11- 4|      45336.0| -34875.7|      0.0| -6322.3| -543.2| 5041.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -823.4|      0.0|      0.0| 823.4|
| 8- 1|si| 5|  Tz | -352.5| 64.3|      0.0| 369.7|
| 11- 4|si| 9|  Ty | -39.1|      0.0| -138.0| 242.2|
-----
PROGR.      360.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      380678.5| -655849.3|      0.0| -19238.4| 4721.5| 2263.6|
| 11- 4|      347821.0| -2283.6|      0.0| -6241.8| -543.2| 5041.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 8- 1|si| 1|Sx  Si| -1303.7|      0.0|      0.0| 1303.7|
| 8- 1|si| 5|  Tz | -511.9| 63.6|      0.0| 523.6|
-----
PROGR.

```


Copertura area carburante - Relazione di calcolo

| 11- 4|si| 9|	Ty	-36.6|	0.0|	-138.0|	241.8|				

PROGR. 420.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 8- 1|	516494.6|	-937276.2|	0.0|	-19133.7|	4659.4|	2263.6|			
| 7- 1|	807573.0|	-741857.5|	0.0|	-19390.3|	3546.3|	4734.3|			
| 11- 4|	650305.9|	30308.5|	0.0|	-6161.3|	-543.2|	5041.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|si| 1|Sx	Si	-1801.5|	0.0|	0.0|	1801.5|				
| 7- 1|si| 5|	Tz	-739.6|	63.2|	0.0|	747.7|				
| 11- 4|si| 9|	Ty	-34.1|	0.0|	-138.0|	241.5|				

PROGR. 480.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 8- 1|	652310.6|	-1214977.2|	0.0|	-19029.1|	4597.3|	2263.6|			
| 7- 1|	1090228.6|	-954634.2|	0.0|	-19285.7|	3546.3|	4687.5|			
| 11- 4|	952790.9|	62900.6|	0.0|	-6080.8|	-543.2|	5041.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|si| 1|Sx	Si	-2293.6|	0.0|	0.0|	2293.6|				
| 7- 1|si| 5|	Tz	-942.3|	63.0|	0.0|	948.6|				
| 11- 4|si| 9|	Ty	-31.6|	0.0|	-138.0|	241.1|				

VERIFICA STABILITA` :									
|L0 = 480. |									
Z |Lc = 480. |Ro = 14.64|lm = 32.8|Ncr= 3304015.7|alfa(b)=0.3400|ki=0.9349|									
Y |Lc = 480. |Ro = 7.52|lm = 63.8|Ncr= 871788.7|alfa(c)=0.4900|ki=0.7029|									
Caso 8- 1 - Nodo 1 - Asse Y									
Ned = -19866.2|Mzeq = 489233.0|Myeq = -911232.9|Ss = -1836.1 (0.701)									

P_HEB340_S010 (10) stato limite ultimo - ASTA (829- 309) 1502									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 12- 7|	496656.7|	987234.0|	0.0|	-12166.1|	3842.0|	-2036.9|			
| 11- 9|	1420378.8|	274602.4|	0.0|	-12832.1|	1074.7|	-5065.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 12- 7|si| 2|Sx	Si	-1829.0|	0.0|	0.0|	1829.0|				
| 12- 7|si| 6|	Tz	-637.1|	52.8|	0.0|	643.6|				
| 11- 9|si| 9|	Ty	-57.9|	0.0|	138.7|	247.1|				

PROGR. 60.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 12- 7|	374445.4|	756716.2|	0.0|	-12085.6|	3842.0|	-2036.9|			
| 11- 9|	1116442.5|	210118.6|	0.0|	-12751.6|	1074.7|	-5065.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 12- 7|si| 2|Sx	Si	-1415.1|	0.0|	0.0|	1415.1|				
| 12- 7|si| 6|	Tz	-501.6|	52.8|	0.0|	509.8|				
| 11- 9|si| 9|	Ty	-61.4|	0.0|	138.7|	247.9|				

PROGR. 120.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 12- 7|	252234.1|	526198.5|	0.0|	-12005.1|	3842.0|	-2036.9|			
| 11- 9|	812506.2|	145634.8|	0.0|	-12671.1|	1074.7|	-5065.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 12- 7|si| 2|Sx	Si	-1001.3|	0.0|	0.0|	1001.3|				
| 12- 7|si| 6|	Tz	-366.0|	52.8|	0.0|	377.3|				
| 11- 9|si| 9|	Ty	-65.0|	0.0|	138.7|	248.8|				

PROGR. 180.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 12-10|	-197647.2|	-298124.6|	0.0|	-9975.7|	-3791.7|	503.9|			
| 12- 7|	130022.9|	295680.8|	0.0|	-11924.6|	3842.0|	-2036.9|			
| 11- 9|	508570.0|	81151.0|	0.0|	-12590.6|	1074.7|	-5065.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 12-10|si| 4|Sx	Si	-611.2|	0.0|	0.0|	611.2|				
| 12- 7|si| 6|	Tz	-230.5|	52.8|	0.0|	248.0|				
| 11- 9|si| 9|	Ty	-68.5|	0.0|	138.7|	249.8|				

PROGR. 240.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-357644.1|	-28237.0|	0.0|	-42385.8|	-921.9|	-2595.2|			
| 12- 7|	7811.6|	65163.0|	0.0|	-11844.1|	3842.0|	-2036.9|			
| 11- 9|	204633.7|	16667.1|	0.0|	-12510.1|	1074.7|	-5065.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-456.7|	0.0|	0.0|	456.7|				
| 12- 7|si| 6|	Tz	-95.0|	52.8|	0.0|	131.8|				
| 11- 9|si| 9|	Ty	-72.0|	0.0|	138.7|	250.8|				

PROGR. 300.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-514198.0|	27078.8|	0.0|	-42281.2|	-921.9|	-2623.3|			
| 12- 7|	-114399.7|	-165354.7|	0.0|	-11763.7|	3842.0|	-2036.9|			
| 11- 9|	-99302.6|	-47816.7|	0.0|	-12429.6|	1074.7|	-5065.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx	Si	-526.8|	0.0|	0.0|	526.8|				
| 12- 7|si| 6|	Tz	40.6|	52.8|	0.0|	100.0|				
| 11- 9|si| 9|	Ty	-75.5|	0.0|	138.7|	251.8|				

PROGR. 360.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			

Copertura area carburante - Relazione di calcolo

| 12- 7|	-236611.0|	-395872.5|	0.0|	-11683.2|	3842.0|	-2036.9|
| 11- 9|	-403238.8|	-112300.5|	0.0|	-12349.1|	1074.7|	-5065.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12- 7|si| 4|Sx |	Si |	-790.5|	0.0|	0.0|	790.5|	
| 12- 7|si| 6| Tz |		176.1|	52.8|	0.0|	198.4|	
| 11- 9|si| 9| Ty |		-79.1|	0.0|	138.7|	252.9|	

----- PROGR. 420.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 7|	-358822.3|	-626390.2|	0.0|	-11602.7|	3842.0|	-2036.9|
| 11- 9|	-707175.1|	-176784.3|	0.0|	-12268.6|	1074.7|	-5065.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12- 7|si| 4|Sx |	Si |	-1203.4|	0.0|	0.0|	1203.4|	
| 12- 7|si| 6| Tz |		311.6|	52.8|	0.0|	324.8|	
| 11- 9|si| 9| Ty |		-82.6|	0.0|	138.7|	254.0|	

----- PROGR. 480.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 7|	-481033.6|	-856907.9|	0.0|	-11522.2|	3842.0|	-2036.9|
| 11- 9|	-1011111.4|	-241268.1|	0.0|	-12188.1|	1074.7|	-5065.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12- 7|si| 4|Sx |	Si |	-1616.2|	0.0|	0.0|	1616.2|	
| 12- 7|si| 6| Tz |		447.2|	52.8|	0.0|	456.4|	
| 11- 9|si| 9| Ty |		-86.1|	0.0|	138.7|	255.2|	

----- VERIFICA STABILITA` :

L0 = 480. |
 Z |Lc = 480. |Ro = 14.64|lm = 32.8|Ncr= 3304015.7|alfa(b)=0.3400|ki=0.9349|
 Y |Lc = 480. |Ro = 7.52|lm = 63.8|Ncr= 871788.7|alfa(c)=0.4900|ki=0.7029|
 Caso 6- 2 - Nodo 4 - Asse Y
 Ned = -26005.2|Mzeq = -614635.2|Myeq = -366879.3|Ss = -1088.1 (0.415)

P_HEB340_S010 (10) stato limite ultimo - ASTA (830- 327) 1503

----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 7|	499242.9|	986961.8|	0.0|	-8916.1|	3839.8|	-2059.6|
| 11-11|	1450158.8|	-280659.9|	0.0|	-10414.5|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12- 7|si| 2|Sx |	Si |	-1810.8|	0.0|	0.0|	1810.8|	
| 12- 7|si| 6| Tz |		-619.2|	52.9|	0.0|	625.9|	
| 11-11|si| 9| Ty |		-78.2|	0.0|	141.9|	257.9|	

----- PROGR. 60.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 7|	375664.1|	756573.8|	0.0|	-8835.6|	3839.8|	-2059.6|
| 11-11|	1139224.7|	-216429.8|	0.0|	-10334.0|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12- 7|si| 2|Sx |	Si |	-1396.5|	0.0|	0.0|	1396.5|	
| 12- 7|si| 6| Tz |		-483.1|	52.9|	0.0|	491.7|	
| 11-11|si| 9| Ty |		-73.7|	0.0|	141.9|	256.6|	

----- PROGR. 120.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12-11|	262985.0|	-521265.1|	0.0|	-9642.7|	-3733.8|	-2150.1|
| 12- 7|	252085.3|	526185.8|	0.0|	-8755.1|	3839.8|	-2059.6|
| 11-11|	828290.6|	-152199.6|	0.0|	-10253.5|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12-11|si| 1|Sx |	Si |	-984.8|	0.0|	0.0|	984.8|	
| 12- 7|si| 6| Tz |		-347.0|	52.9|	0.0|	358.9|	
| 11-11|si| 9| Ty |		-69.3|	0.0|	141.9|	255.3|	

----- PROGR. 180.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12-10|	-196275.6|	-298694.3|	0.0|	-8772.4|	-3744.6|	475.9|
| 12- 7|	128506.6|	295797.8|	0.0|	-8674.6|	3839.8|	-2059.6|
| 11-11|	517356.5|	-87969.5|	0.0|	-10173.0|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12-10|si| 4|Sx |	Si |	-604.4|	0.0|	0.0|	604.4|	
| 12- 7|si| 6| Tz |		-210.9|	52.9|	0.0|	229.9|	
| 11-11|si| 9| Ty |		-64.8|	0.0|	141.9|	254.1|	

----- PROGR. 240.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-370936.1|	-22692.6|	0.0|	-33575.0|	-97.4|	-2637.3|
| 12- 7|	4927.8|	65409.8|	0.0|	-8594.1|	3839.8|	-2059.6|
| 11-11|	206422.4|	-23739.4|	0.0|	-10092.5|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	-402.8|	0.0|	0.0|	402.8|	
| 12- 7|si| 6| Tz |		-74.7|	52.9|	0.0|	118.2|	
| 11-11|si| 9| Ty |		-60.4|	0.0|	141.9|	253.1|	

----- PROGR. 300.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-526729.2|	-57939.6|	0.0|	-33879.9|	721.8|	-4410.4|
| 12- 7|	-118650.9|	-164978.2|	0.0|	-8513.6|	3839.8|	-2059.6|
| 11-11|	-104511.6|	40490.7|	0.0|	-10012.0|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	-531.3|	0.0|	0.0|	531.3|	

Copertura area carburante - Relazione di calcolo

12- 7|si| 6|	Tz	61.4|	52.9|	0.0|	110.2|	
11-11|si| 9|	Ty	-55.9|	0.0|	141.9|	252.0|	
-----						PROGR. 360.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	-242229.7|	-395366.2|	0.0|	-8433.1|	3839.8|	-2059.6|
11-11|	-415445.7|	104720.8|	0.0|	-9931.5|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
12- 7|si| 4|Sx	Si	-773.3|	0.0|	0.0|	773.3|	
12- 7|si| 6|	Tz	197.5|	52.9|	0.0|	217.7|	
11-11|si| 9|	Ty	-51.5|	0.0|	141.9|	251.1|	
-----						PROGR. 420.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	-365808.5|	-625754.2|	0.0|	-8352.6|	3839.8|	-2059.6|
11-11|	-726379.8|	168951.0|	0.0|	-9851.0|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
12- 7|si| 4|Sx	Si	-1186.6|	0.0|	0.0|	1186.6|	
12- 7|si| 6|	Tz	333.6|	52.9|	0.0|	346.0|	
11-11|si| 9|	Ty	-47.1|	0.0|	141.9|	250.2|	
-----						PROGR. 480.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	-489387.2|	-856142.2|	0.0|	-8272.1|	3839.8|	-2059.6|
11-11|	-1037313.9|	233181.1|	0.0|	-9770.5|	-1070.5|	-5182.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
12- 7|si| 4|Sx	Si	-1600.0|	0.0|	0.0|	1600.0|
12- 7|si| 6|	Tz	469.7|	52.9|	0.0|	478.6|
11-11|si| 9|	Ty	-42.6|	0.0|	141.9|	249.4|

VERIFICA STABILITA` :

L0 = 480. |
 Z |Lc = 480. |Ro = 14.64|lm = 32.8|Ncr= 3304015.7|alfa(b)=0.3400|ki=0.9349|
 Y |Lc = 480. |Ro = 7.52|lm = 63.8|Ncr= 871788.7|alfa(c)=0.4900|ki=0.7029|
 Caso 8- 1 - Nodo 3 - Asse Y
 Ned = -31239.3|Mzeq = -906601.8|Myeq = 254780.9|Ss = -1092.1 (0.417)

P_HEB340_S010 (10) stato limite ultimo - ASTA (831- 345) 1504

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12|	535567.8|	-988934.1|	0.0|	-7843.3|	-3838.7|	-2208.6|
11-16|	1515949.5|	-288041.5|	0.0|	-9103.8|	-1128.8|	-5399.7|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
12-12|si| 1|Sx	Si	-1824.4|	0.0|	0.0|	1824.4|	
12-12|si| 5|	Tz	-630.4|	-53.6|	0.0|	637.2|	
11-16|si| 9|	Ty	-71.0|	0.0|	147.8|	265.7|	
-----						PROGR. 60.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12|	403053.5|	-758612.2|	0.0|	-7762.8|	-3838.7|	-2208.6|
11-16|	1191966.2|	-220313.9|	0.0|	-9023.3|	-1128.8|	-5399.7|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
12-12|si| 1|Sx	Si	-1406.1|	0.0|	0.0|	1406.1|	
12-12|si| 5|	Tz	-490.2|	-53.6|	0.0|	498.9|	
11-16|si| 9|	Ty	-66.3|	0.0|	147.8|	264.5|	
-----						PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12|	270539.3|	-528290.4|	0.0|	-7682.3|	-3838.7|	-2208.6|
11-16|	867982.9|	-152586.3|	0.0|	-8942.8|	-1128.8|	-5399.7|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
12-12|si| 1|Sx	Si	-987.8|	0.0|	0.0|	987.8|	
12-12|si| 5|	Tz	-350.0|	-53.6|	0.0|	362.1|	
11-16|si| 9|	Ty	-61.7|	0.0|	147.8|	263.4|	
-----						PROGR. 180.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5|	-207675.5|	295416.9|	0.0|	-7492.4|	3744.3|	552.9|
12-12|	138025.0|	-297968.5|	0.0|	-7601.8|	-3838.7|	-2208.6|
11-16|	543999.6|	-84858.7|	0.0|	-8862.3|	-1128.8|	-5399.7|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
12- 5|si| 3|Sx	Si	-597.1|	0.0|	0.0|	597.1|	
12-12|si| 5|	Tz	-209.7|	-53.6|	0.0|	229.4|	
11-16|si| 9|	Ty	-57.0|	0.0|	147.8|	262.3|	
-----						PROGR. 240.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-389762.1|	12777.0|	0.0|	-29409.2|	40.5|	-2857.8|
12-12|	5510.7|	-67646.6|	0.0|	-7521.3|	-3838.7|	-2208.6|
11-16|	220016.4|	-17131.1|	0.0|	-8781.8|	-1128.8|	-5399.7|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 3|Sx	Si	-371.9|	0.0|	0.0|	371.9|	
12-12|si| 5|	Tz	-69.5|	-53.6|	0.0|	116.0|	
11-16|si| 9|	Ty	-52.3|	0.0|	147.8|	261.3|	
-----						PROGR. 300.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1|	-501659.0|	-60879.3|	0.0|	-27165.3|	1437.2|	-4266.8|
12-12|	-127003.5|	162675.3|	0.0|	-7440.9|	-3838.7|	-2208.6|

Copertura area carburante - Relazione di calcolo

```

| 11-16|      -103966.9| 50596.4|      0.0| -8701.3| -1128.8| -5399.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 4|Sx |Si| -485.0|      0.0|      0.0| 485.0|
| 12-12|si| 5| Tz |      70.7| -53.6|      0.0| 116.7|
| 11-16|si| 9| Ty | -47.7|      0.0| 147.8| 260.5|
-----
PROGR.      360.

SOLLECITAZIONI      :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -259517.8| 392997.1|      0.0| -7360.4| -3838.7| -2208.6|
| 11-16| -427950.2| 118324.0|      0.0| -8620.8| -1128.8| -5399.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 3|Sx |Si| -771.4|      0.0|      0.0| 771.4|
| 12-12|si| 5| Tz |      211.0| -53.6|      0.0| 230.5|
| 11-16|si| 9| Ty | -43.0|      0.0| 147.8| 259.6|
-----
PROGR.      420.

SOLLECITAZIONI      :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -392032.0| 623319.0|      0.0| -7279.9| -3838.7| -2208.6|
| 11-16| -751933.4| 186051.6|      0.0| -8540.3| -1128.8| -5399.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 3|Sx |Si| -1188.7|      0.0|      0.0| 1188.7|
| 12-12|si| 5| Tz |      351.2| -53.6|      0.0| 363.3|
| 11-16|si| 9| Ty | -38.3|      0.0| 147.8| 258.9|
-----
PROGR.      480.

SOLLECITAZIONI      :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| -524546.3| 853640.9|      0.0| -7199.4| -3838.7| -2208.6|
| 11-16| -1075916.7| 253779.2|      0.0| -8459.8| -1128.8| -5399.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 3|Sx |Si| -1606.1|      0.0|      0.0| 1606.1|
| 12-12|si| 5| Tz |      491.4| -53.6|      0.0| 500.1|
| 11-16|si| 9| Ty | -33.7|      0.0| 147.8| 258.3|
-----
PROGR.

VERIFICA STABILITA` :

| L0 = 480. |
Z |Lc = 480. |Ro = 14.64|lm = 32.8|Ncr= 3304015.7|alfa(b)=0.3400|ki=0.9349|
Y |Lc = 480. |Ro = 7.52|lm = 63.8|Ncr= 871788.7|alfa(c)=0.4900|ki=0.7029|
Caso 8- 1 - Nodo 3 - Asse Y
Ned = -27688.5|Mzeq = -952267.9|Myeq = 312648.0|Ss = -1174.3 ( 0.448)

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 832- 363) 1505
-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| 547977.4|-1021512.2|      0.0| -12267.7| -4031.8| -2235.4|
| 11-16| 1603317.6| 314843.7|      0.0| -13193.9| -1297.9| -5685.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 1|Sx |Si| -1906.4|      0.0|      0.0| 1906.4|
| 12-12|si| 5| Tz | -673.1| -55.9|      0.0| 680.0|
| 11-16|si| 9| Ty | -96.5|      0.0| 155.7| 286.4|
-----
PROGR.      60.

SOLLECITAZIONI      :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| 413854.6|-779601.6|      0.0| -12187.2| -4031.8| -2235.4|
| 11-16| 1262177.8|-236972.0|      0.0| -13113.4| -1297.9| -5685.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 1|Sx |Si| -1469.4|      0.0|      0.0| 1469.4|
| 12-12|si| 5| Tz | -528.2| -55.9|      0.0| 537.0|
| 11-16|si| 9| Ty | -91.2|      0.0| 155.7| 284.6|
-----
PROGR.      120.

SOLLECITAZIONI      :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12| 279731.8|-537691.0|      0.0| -12106.7| -4031.8| -2235.4|
| 11-16| 921038.0|-159100.2|      0.0| -13032.9| -1297.9| -5685.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12|si| 1|Sx |Si| -1032.4|      0.0|      0.0| 1032.4|
| 12-12|si| 5| Tz | -383.3| -55.9|      0.0| 395.3|
| 11-16|si| 9| Ty | -85.9|      0.0| 155.7| 283.0|
-----
PROGR.      180.

SOLLECITAZIONI      :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 9| -222154.9|-295814.8|      0.0| -11033.8| -4011.4| 688.2|
| 12-12| 145609.1|-295780.4|      0.0| -12026.2| -4031.8| -2235.4|
| 11-16| 579898.2|-81228.5|      0.0| -12952.4| -1297.9| -5685.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 9|si| 4|Sx |Si| -625.1|      0.0|      0.0| 625.1|
| 12-12|si| 5| Tz | -238.3| -55.9|      0.0| 257.2|
| 11-16|si| 9| Ty | -80.7|      0.0| 155.7| 281.4|
-----
PROGR.      240.

SOLLECITAZIONI      :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -383829.3| 69465.5|      0.0| -44520.1| 28.8| -2780.2|
| 12-12| 11486.3|-53869.8|      0.0| -11945.7| -4031.8| -2235.4|
| 11-16| 238758.3|-3356.8|      0.0| -12871.9| -1297.9| -5685.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| -545.1|      0.0|      0.0| 545.1|
| 12-12|si| 5| Tz | -93.4| -55.9|      0.0| 134.5|
| 11-16|si| 9| Ty | -75.4|      0.0| 155.7| 279.9|
-----
PROGR.      300.

```

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | -551485.5 | 67737.5 | 0.0 | -44415.4 | 28.8 | -2808.3 |
| 12-12 | -122636.5 | 188040.8 | 0.0 | -11865.2 | -4031.8 | -2235.4 |
| 11-16 | -102381.5 | 74515.0 | 0.0 | -12791.4 | -1297.9 | -5685.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1 |si| 3 |Sx | Si | -619.4 | 0.0 | 0.0 | 619.4 |
| 12-12 |si| 5 | Tz | | 51.5 | -55.9 | 0.0 | 109.6 |
| 11-16 |si| 9 | Ty | | -70.1 | 0.0 | 155.7 | 278.6 |
-----
PROGR. 360.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12 | -256759.3 | 429951.4 | 0.0 | -11784.7 | -4031.8 | -2235.4 |
| 11-16 | -443521.3 | 152386.7 | 0.0 | -12710.9 | -1297.9 | -5685.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12 |si| 3 |Sx | Si | -1289.2 | 0.0 | 0.0 | 1289.2 |
| 12-12 |si| 5 | Tz | | 341.4 | -55.9 | 0.0 | 354.8 |
| 11-16 |si| 9 | Ty | | -59.5 | 0.0 | 155.7 | 276.1 |
-----
PROGR. 420.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12 | -390882.1 | 671862.0 | 0.0 | -11704.2 | -4031.8 | -2235.4 |
| 11-16 | -784661.1 | 230258.5 | 0.0 | -12630.4 | -1297.9 | -5685.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12 |si| 3 |Sx | Si | -1725.2 | 0.0 | 0.0 | 1725.2 |
| 12-12 |si| 5 | Tz | | 486.3 | -55.9 | 0.0 | 495.8 |
| 11-16 |si| 9 | Ty | | -54.2 | 0.0 | 155.7 | 275.0 |
-----
PROGR. 480.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-12 | -525004.8 | 913772.7 | 0.0 | -11623.7 | -4031.8 | -2235.4 |
| 11-16 | -1125801.0 | 308130.2 | 0.0 | -12549.9 | -1297.9 | -5685.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-12 |si| 3 |Sx | Si | -1725.2 | 0.0 | 0.0 | 1725.2 |
| 12-12 |si| 5 | Tz | | 486.3 | -55.9 | 0.0 | 495.8 |
| 11-16 |si| 9 | Ty | | -54.2 | 0.0 | 155.7 | 275.0 |
-----
PROGR. 480.

VERIFICA STABILITA' :
|L0 = 480. |
Z |Lc = 480. |Ro = 14.64 |lm = 32.8 |Ncr= 3304015.7 |alfa(b)=0.3400 |ki=0.9349 |
Y |Lc = 480. |Ro = 7.52 |lm = 63.8 |Ncr= 871788.7 |alfa(c)=0.4900 |ki=0.7029 |
Caso 8- 1 - Nodo 3 - Asse Y
Ned = -41186.7 |Mzeq = -933778.0 |Myeq = 363300.6 |Ss = -1370.0 ( 0.523)

P_HEB340_S010 ( 10) stato limite ultimo - ASTA ( 833- 381) 1506
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1 | 460248.2 | 1117886.4 | 0.0 | -18889.8 | 5151.3 | -2333.8 |
| 11-13 | 1424778.3 | 340004.2 | 0.0 | -7160.2 | 1496.2 | -4840.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1 |si| 2 |Sx | Si | -2053.6 | 0.0 | 0.0 | 2053.6 |
| 8- 1 |si| 6 | Tz | | -704.0 | 68.7 | 0.0 | 714.0 |
| 11-13 |si| 9 | Ty | | -20.8 | 0.0 | 132.5 | 230.5 |
-----
PROGR. 60.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1 | 320223.1 | 810671.1 | 0.0 | -18785.1 | 5089.2 | -2333.8 |
| 11-13 | 1134335.5 | 250231.4 | 0.0 | -7079.7 | 1496.2 | -4840.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1 |si| 2 |Sx | Si | -1512.7 | 0.0 | 0.0 | 1512.7 |
| 8- 1 |si| 6 | Tz | | -533.9 | 68.1 | 0.0 | 546.8 |
| 11-13 |si| 9 | Ty | | -25.8 | 0.0 | 132.5 | 231.0 |
-----
PROGR. 120.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1 | 180197.9 | 507181.9 | 0.0 | -18680.5 | 5027.1 | -2333.8 |
| 11-13 | 843892.8 | 160458.6 | 0.0 | -6999.2 | 1496.2 | -4840.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1 |si| 2 |Sx | Si | -977.5 | 0.0 | 0.0 | 977.5 |
| 8- 1 |si| 6 | Tz | | -365.2 | 67.4 | 0.0 | 383.4 |
| 11-13 |si| 9 | Ty | | -30.9 | 0.0 | 132.5 | 231.6 |
-----
PROGR. 180.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 5 | -224177.2 | 283594.5 | 0.0 | -6157.7 | 3962.5 | 984.0 |
| 8- 1 | 40172.7 | 207418.6 | 0.0 | -18575.8 | 4965.0 | -2333.8 |
| 11-13 | 553450.0 | 70685.8 | 0.0 | -6918.7 | 1496.2 | -4840.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 5 |si| 3 |Sx | Si | -578.7 | 0.0 | 0.0 | 578.7 |
| 8- 1 |si| 6 | Tz | | -197.7 | 66.7 | 0.0 | 229.0 |
| 11-13 |si| 9 | Ty | | -36.0 | 0.0 | 132.5 | 232.4 |
-----
PROGR. 240.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | -218339.0 | -123117.3 | 0.0 | -19319.9 | 3754.9 | -943.7 |
| 8- 1 | -99852.4 | -88618.6 | 0.0 | -18471.2 | 4902.9 | -2333.8 |
| 11-13 | 263007.3 | -19087.0 | 0.0 | -6838.2 | 1496.2 | -4840.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

5-1	|si|	4	Sx	Si	-404.4	0.0	0.0	404.4
8-1	|si|	6	Tz		-31.5	66.0	0.0	118.6
11-13	|si|	9	Ty		-41.1	0.0	132.5	233.2

----- PROGR. 300.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-264361.1	-385191.2	0.0	-19874.9	4539.0	-2446.8
8-1	-239877.6	-380929.9	0.0	-18366.5	4840.8	-2333.8
11-13	-27435.5	-108859.8	0.0	-6757.7	1496.2	-4840.7

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	4	Sx	Si	-834.6	0.0	0.0	834.6
8-1	|si|	6	Tz		133.5	65.3	0.0	175.0
11-13	|si|	9	Ty		-46.2	0.0	132.5	234.1

----- PROGR. 360.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-411170.5	-656412.0	0.0	-19770.3	4501.7	-2446.8
8-1	-379902.7	-669515.1	0.0	-18261.9	4778.7	-2333.8
11-13	-317878.2	-198632.6	0.0	-6677.2	1496.2	-4840.7

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	4	Sx	Si	-1321.7	0.0	0.0	1321.7
8-1	|si|	6	Tz		297.2	64.6	0.0	317.6
11-13	|si|	9	Ty		-51.3	0.0	132.5	235.2

----- PROGR. 420.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	-519927.9	-954374.4	0.0	-18157.3	4716.6	-2333.8
11-13	-608321.0	-288405.4	0.0	-6596.7	1496.2	-4840.7

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
8-1	|si|	4	Sx	Si	-1823.9	0.0	0.0	1823.9
8-1	|si|	6	Tz		459.6	63.9	0.0	472.8
11-13	|si|	9	Ty		-56.4	0.0	132.5	236.4

----- PROGR. 480.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	-659953.1	-1235507.6	0.0	-18052.6	4654.5	-2333.8
11-13	-898763.7	-378178.2	0.0	-6516.2	1496.2	-4840.7

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
8-1	|si|	4	Sx	Si	-2323.2	0.0	0.0	2323.2
8-1	|si|	6	Tz		620.8	63.3	0.0	630.4
11-13	|si|	9	Ty		-61.5	0.0	132.5	237.6

VERIFICA STABILITA` :

|L0 = 480.1
 Z |Lc = 480.1 |Ro = 14.64 |Im = 32.8 |Ncr = 3304015.7 |alfa(b) = 0.3400 |ki = 0.9349
 Y |Lc = 480.1 |Ro = 7.52 |Im = 63.8 |Ncr = 871788.7 |alfa(c) = 0.4900 |ki = 0.7029
 Caso 8-1 - Nodo 4 - Asse Y
 Ned = -18889.8 |Mzeq = -494964.8 |Myeq = -926630.7 |Ss = -1853.3 (0.708)

11.3 Verifica reticolari trasversali

VERIFICA ELEMENTI IN ACCIAIO
lavoro : MUSST4

Unità di misura:
 Lunghezze: cm
 Prop.Sez.: cm
 Forze: daN
 Momenti: daNcm
 Tensioni: daN/cm2

MATERIALI

S275 (EN 10025-2): Mod.El. = 210000.0; gM = 1.050;
 fyk = 2750.0 (2550.0 per sp>40 mm); fyd = 2619.0 (2428.6 per sp>40 mm).

CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	2
4	SLU VENTOY 1	2
5	SLU VENTOX 2	2
6	SLU VENTOY 2	2
7	SLU VENTOX 3	2
8	SLU VENTOY 3	2
11	SLU con SISMAX PRINC	16
12	SLU con SISMAX PRINC	16

CARATTERISTICHE GEOMETRICHE

P_HEB140_S006 (6) :
 A = 43.0302E+00 Jz = 1.5114E+03 Jy = 549.7222E+00 Jt = 16.5832E+00

P_IPE80_S008 (8) :
 A = 7.6563E+00 Jz = 80.2777E+00 Jy = 8.4911E+00 Jt = 527.6360E-03

P_HEA120_S011 (11) :
 A = 25.4102E+00 Jz = 607.6354E+00 Jy = 230.9414E+00 Jt = 4.3320E+00

G_2L_50x5_d8 (15) :
 A = 9.6115E+00 Jz = 21.8931E+00 Jy = 53.1028E+00 Jt = 1.0000E+00

Copertura area carburante - Relazione di calcolo

P_HEB140_S006 (6) stato limite ultimo - ASTA (382- 383) 693
----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 4	0.0	0.0	0.0	-6452.1	2.6	104.2
8- 1	0.0	0.0	0.0	75.2	163.8	70.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 4	si	1	Sx	-149.9	0.0	0.0
8- 1	si	5	Tz	1.7	8.6	0.0
11- 4	si	9	TySi	-149.9	0.0	-12.1
----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 2	2359.8	-823.7	0.0	-6435.5	34.1	91.9
8- 1	1496.9	-3624.9	0.0	75.2	136.7	54.0
11- 4	2370.8	-61.9	0.0	-6452.1	2.6	92.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 2	si	1	Sx	-171.0	0.0	0.0
8- 1	si	5	Tz	-15.4	7.0	0.0
11- 4	si	9	Ty	-150.0	0.0	-10.7
----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 2	4435.9	-1647.5	0.0	-6435.5	34.1	80.2
8- 1	2607.5	-6595.0	0.0	75.2	109.5	38.0
11- 4	4457.8	-123.8	0.0	-6452.1	2.6	80.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 2	si	1	Sx	-191.1	0.0	0.0
8- 1	si	5	Tz	-28.9	5.5	0.0
11- 4	si	9	Ty	-150.0	0.0	-9.4
----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 2	6228.2	-2471.2	0.0	-6435.5	34.1	68.4
12- 5	3498.9	-6175.7	0.0	-2478.9	85.3	30.7
11- 4	6261.1	-185.8	0.0	-6452.1	2.6	68.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 2	si	1	Sx	-209.9	0.0	0.0
12- 5	si	5	Tz	-91.2	4.3	0.0
11- 4	si	9	Ty	-150.1	0.0	-8.0
----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 2	7736.8	-3294.9	0.0	-6435.5	34.1	56.6
12- 5	4097.7	-8234.3	0.0	-2478.9	85.3	18.9
11- 4	7780.6	-247.7	0.0	-6452.1	2.6	57.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 2	si	1	Sx	-227.3	0.0	0.0
12- 5	si	5	Tz	-99.8	4.1	0.0
11- 4	si	9	Ty	-150.1	0.0	-6.6
----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 2	8961.6	-4118.7	0.0	-6435.5	34.1	44.9
12- 8	421.6	-10504.1	0.0	1030.9	87.1	-25.9
11-13	-4488.8	-3551.1	0.0	5398.6	29.4	-66.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 2	si	1	Sx	-243.5	0.0	0.0
12- 8	si	6	Tz	51.6	4.3	0.0
11-13	si	9	Ty	123.2	0.0	7.7
----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 2	9902.6	-4942.4	0.0	-6435.5	34.1	33.1
12- 8	-345.3	-12605.0	0.0	1030.9	87.1	-37.7
11-13	-6237.8	-4261.3	0.0	5398.6	29.4	-78.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 2	si	1	Sx	-258.4	0.0	0.0
12- 8	si	6	Tz	61.1	4.6	0.0
11-13	si	9	Ty	122.7	0.0	9.1
----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 2	10559.9	-5766.2	0.0	-6435.5	34.1	21.4
8- 2	-999.2	-1524.5	0.0	742.2	104.0	-62.0
7- 2	-6281.9	-2693.1	0.0	4137.3	15.9	-93.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 2	si	1	Sx	-271.9	0.0	0.0
8- 2	si	6	Tz	26.2	5.8	0.0
7- 2	si	9	Ty	94.4	0.0	10.8
----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
12- 5	3655.2	-16468.6	0.0	-2478.9	85.3	-28.1
8- 2	-2687.4	-4361.3	0.0	742.2	131.2	-78.0
7- 2	-8724.7	-3077.9	0.0	4137.3	15.9	-109.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12- 5	si	1	Sx	-284.2	0.0	0.0
8- 2	si	6	Tz	42.0	7.4	0.0
7- 2	si	9	Ty	94.2	0.0	12.7

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso11- 2 - Nodo 1 - Asse Y
 Ned = -6435.5|Mezq = 9074.1|Myeq = -4942.4|Ss = -300.3 (0.115)

P_HEB140_S006 (6) stato limite ultimo - ASTA (383- 384) 694
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	7194.9|	-11949.2|	0.0|	-7058.2|	-73.2|	95.3|
12- 8|	-2730.6|	-16806.6|	0.0|	-1276.5|	-170.6|	73.9|
6- 1|	1774.0|	-12176.1|	0.0|	-5501.9|	-35.4|	114.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
7- 1|si| 1|Sx	Si|	-349.5|	0.0|	0.0|	349.5|
12- 8|si| 6|	Tz	30.4|	-8.9|	0.0|	34.1|
6- 1|si| 9|	Ty	-135.6|	0.0|	-13.3|	137.6|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	9301.3|	-10184.0|	0.0|	-7058.2|	-73.2|	79.3|
12- 8|	-1089.9|	-12690.0|	0.0|	-1276.5|	-170.6|	62.1|
6- 1|	4346.7|	-11125.5|	0.0|	-5501.9|	-51.7|	98.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
7- 1|si| 1|Sx	Si|	-336.8|	0.0|	0.0|	336.8|
12- 8|si| 6|	Tz	11.2|	-8.7|	0.0|	18.7|
6- 1|si| 9|	Ty	-134.9|	0.0|	-11.5|	136.4|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	11021.3|	-8418.8|	0.0|	-7058.2|	-73.2|	63.3|
12- 8|	267.0|	-8573.3|	0.0|	-1276.5|	-170.6|	50.4|
6- 1|	6533.0|	-9682.0|	0.0|	-5501.9|	-68.0|	82.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
7- 1|si| 1|Sx	Si|	-322.3|	0.0|	0.0|	322.3|
12- 8|si| 6|	Tz	-6.7|	-8.4|	0.0|	16.0|
6- 1|si| 9|	Ty	-134.0|	0.0|	-9.6|	135.1|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	12355.0|	-6653.6|	0.0|	-7058.2|	-73.2|	47.3|
12- 8|	1340.1|	-4456.6|	0.0|	-1276.5|	-170.6|	38.6|
6- 1|	8333.0|	-7845.6|	0.0|	-5501.9|	-84.3|	66.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
7- 1|si| 1|Sx	Si|	-306.0|	0.0|	0.0|	306.0|
12- 8|si| 6|	Tz	-23.3|	-8.1|	0.0|	27.2|
6- 1|si| 9|	Ty	-132.9|	0.0|	-7.7|	133.5|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	13302.3|	-4888.4|	0.0|	-7058.2|	-73.2|	31.3|
12- 8|	2129.5|	-339.9|	0.0|	-1276.5|	-170.6|	26.8|
6- 1|	9746.6|	-5616.4|	0.0|	-5501.9|	-100.5|	50.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
7- 1|si| 1|Sx	Si|	-287.9|	0.0|	0.0|	287.9|
12- 8|si| 6|	Tz	-38.6|	-7.9|	0.0|	40.9|
6- 1|si| 9|	Ty	-131.4|	0.0|	-5.9|	131.8|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	13863.3|	-3123.2|	0.0|	-7058.2|	-73.2|	15.2|
12- 8|	2635.1|	3776.7|	0.0|	-1276.5|	-170.6|	15.1|
6- 1|	10773.8|	-2994.3|	0.0|	-5501.9|	-116.8|	34.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
7- 1|si| 1|Sx	Si|	-268.0|	0.0|	0.0|	268.0|
12- 8|si| 6|	Tz	-52.5|	-7.6|	0.0|	54.1|
6- 1|si| 9|	Ty	-129.8|	0.0|	-4.0|	130.0|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	14037.9|	-1358.0|	0.0|	-7058.2|	-73.2|	-0.8|
12- 6|	6247.8|	7489.2|	0.0|	-3118.6|	-168.5|	-10.3|
11- 3|	10614.4|	-3600.7|	0.0|	-5793.1|	35.5|	-36.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
7- 1|si| 1|Sx	Si|	-246.3|	0.0|	0.0|	246.3|
12- 6|si| 5|	Tz	-80.3|	-7.4|	0.0|	81.3|
11- 3|si| 9|	Ty	-136.9|	0.0|	4.2|	137.1|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5|	6349.6|	11251.1|	0.0|	-3458.6|	-164.1|	-25.2|
8- 1|	10587.7|	5338.2|	0.0|	-4952.9|	-189.8|	-0.2|
11- 3|	9592.6|	-4457.4|	0.0|	-5793.1|	35.5|	-48.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
12- 5|si| 2|Sx	Si|	-253.1|	0.0|	0.0|	253.1|
8- 1|si| 5|	Tz	-149.1|	-8.0|	0.0|	149.7|
11- 3|si| 9|	Ty	-137.5|	0.0|	5.6|	137.8|

----- PROGR. 193.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
12- 5	5599.4	15211.1	0.0	-3458.6	-164.1	-37.0
8- 1	10389.5	10243.6	0.0	-4952.9	-216.9	-16.2
11- 3	8287.0	-5314.1	0.0	-5793.1	35.5	-60.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	|si	2	|Sx	Si	-300.0	0.0	0.0
8- 1	|si	5	Tz	-134.3	-9.6	0.0	135.4
11- 3	|si	9	Ty	-138.0	0.0	7.0	138.5

VERIFICA STABILITA` :

L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 7- 1 - Nodo 1 - Asse Y
 Ned = -7058.2|Mzeq = 14037.9|Myeq = -8961.9|Ss = -394.8 (0.151)

P_HEB140_S006 (6) stato limite ultimo - ASTA (384- 385) 695

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	10389.5	10243.6	0.0	-7455.7	158.6	69.4
5- 2	4464.8	2225.1	0.0	-4661.8	10.8	71.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si	2	|Sx	Si	-351.8	0.0	0.0
8- 1	|si	5	Tz	-192.5	8.3	0.0	193.0
5- 2	|si	9	Ty	-106.9	0.0	-8.3	107.9

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	13042.6	5085.7	0.0	-8345.8	80.7	54.4
12- 8	3507.5	12565.2	0.0	-1653.8	147.6	38.0
5- 2	5985.8	1964.7	0.0	-4661.8	10.8	55.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	|Sx	Si	-319.1	0.0	0.0
12- 8	|si	5	Tz	-19.2	7.1	0.0	22.9
5- 2	|si	9	Ty	-107.1	0.0	-6.4	107.7

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	15635.5	2204.0	0.0	-8911.2	3.8	33.6
12- 8	4281.8	9003.6	0.0	-1653.8	147.6	26.2
11-13	358.9	2932.8	0.0	-1585.3	49.6	39.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	Si	-307.6	0.0	0.0
12- 8	|si	5	Tz	-32.9	6.9	0.0	35.0
11-13	|si	9	Ty	-35.0	0.0	-4.5	35.8

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	16253.4	2112.8	0.0	-8911.2	3.8	17.6
12- 8	4772.4	5442.1	0.0	-1653.8	147.6	14.5
11-13	1160.8	1736.0	0.0	-1585.3	49.6	27.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	Si	-309.3	0.0	0.0
12- 8	|si	5	Tz	-45.2	6.6	0.0	46.6
11-13	|si	9	Ty	-35.7	0.0	-3.2	36.2

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	16484.9	2021.7	0.0	-8911.2	3.8	1.6
12- 8	4979.2	1880.5	0.0	-1653.8	147.6	2.7
11- 4	9359.6	363.4	0.0	-4383.7	-44.4	-15.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	Si	-309.2	0.0	0.0
12- 8	|si	5	Tz	-56.2	6.3	0.0	57.2
11- 4	|si	9	Ty	-101.6	0.0	1.8	101.7

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	16330.1	1930.5	0.0	-8911.2	3.8	-14.4
12- 8	4902.3	-1681.1	0.0	-1653.8	147.6	-9.1
11- 4	8833.7	1434.8	0.0	-4383.7	-44.4	-27.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	Si	-307.3	0.0	0.0
12- 8	|si	6	Tz	-56.4	6.5	0.0	57.5
11- 4	|si	9	Ty	-101.0	0.0	3.2	101.1

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	15788.9	1839.3	0.0	-8911.2	3.8	-30.4
12- 8	4541.6	-5242.6	0.0	-1653.8	147.6	-20.8
11- 4	8023.9	2506.2	0.0	-4383.7	-44.4	-39.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	Si	-303.6	0.0	0.0
12- 8	|si	6	Tz	-44.7	6.7	0.0	46.2
11- 4	|si	9	Ty	-100.3	0.0	4.6	100.6

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	14861.3	1748.2	0.0	-8911.2	3.8	-46.5

Copertura area carburante - Relazione di calcolo

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| 12- 8|      3897.1|   -8804.2|      0.0|   -1653.8|    147.6|   -32.6|
| 11- 4|      6930.4|   3577.6|      0.0|   -4383.7|    -44.4|   -51.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -298.2| 0.0| 0.0| 298.2|
| 12- 8|si| 6| Tz | | -31.7| 7.0| 0.0| 33.9|
| 11- 4|si| 9| Ty | | -99.6| 0.0| 5.9| 100.1|
----- PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 13547.4| 1657.0| 0.0| -8911.2| 3.8| -62.5|
| 12- 8| 2968.8| -12365.8| 0.0| -1653.8| 147.6| -44.4|
| 7- 1| 12727.8| 1551.2| 0.0| -8398.0| 3.2| -66.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -290.9| 0.0| 0.0| 290.9|
| 12- 8|si| 6| Tz | | -17.3| 7.3| 0.0| 21.4|
| 7- 1|si| 9| Ty | | -194.2| 0.0| 7.7| 194.6|
-----
VERIFICA STABILITA` :
| L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b )=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c )=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -8345.8|Mzeq = 15239.8|Myeq = 5421.8|Ss = -393.4 ( 0.150)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 385- 386) 696
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 13547.4| 1657.0| 0.0| -8470.9| 54.3| 66.1|
| 8- 1| 11416.1| 593.7| 0.0| -7815.2| 117.1| 68.4|
| 7- 2| -159.9| -973.4| 0.0| -2882.7| -2.6| 81.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -280.7| 0.0| 0.0| 280.7|
| 8- 1|si| 5| Tz | | -232.8| 6.5| 0.0| 233.1|
| 7- 2|si| 9| Ty | | -67.6| 0.0| -9.5| 69.6|
----- PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 14249.6| -998.3| 0.0| -8696.8| 78.1| 53.7|
| 12- 9| 4718.1| 9853.2| 0.0| -3824.2| 120.8| 44.7|
| 7- 2| 1622.1| -909.9| 0.0| -2882.7| -2.6| 65.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -280.8| 0.0| 0.0| 280.8|
| 12- 9|si| 5| Tz | | -82.9| 6.1| 0.0| 83.6|
| 7- 2|si| 9| Ty | | -67.6| 0.0| -7.7| 68.9|
----- PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 15352.5| -2686.1| 0.0| -8696.8| 61.8| 37.7|
| 12- 9| 5653.9| 6939.6| 0.0| -3824.2| 120.8| 32.9|
| 7- 2| 3017.7| -846.5| 0.0| -2882.7| -2.6| 49.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -307.4| 0.0| 0.0| 307.4|
| 12- 9|si| 5| Tz | | -95.5| 5.9| 0.0| 96.0|
| 7- 2|si| 9| Ty | | -67.5| 0.0| -5.8| 68.3|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 16069.1| -3981.1| 0.0| -8696.8| 45.5| 21.7|
| 12- 9| 6306.0| 4026.0| 0.0| -3824.2| 120.8| 21.1|
| 7- 2| 4026.9| -783.0| 0.0| -2882.7| -2.6| 33.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -327.2| 0.0| 0.0| 327.2|
| 12- 9|si| 5| Tz | | -106.7| 5.6| 0.0| 107.2|
| 7- 2|si| 9| Ty | | -67.5| 0.0| -3.9| 67.8|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 16399.3| -4883.2| 0.0| -8696.8| 29.3| 5.7|
| 12- 9| 6674.4| 1112.4| 0.0| -3824.2| 120.8| 9.4|
| 11-15| 5003.4| -675.1| 0.0| -4115.7| 29.7| 20.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -340.2| 0.0| 0.0| 340.2|
| 12- 9|si| 5| Tz | | -116.6| 5.3| 0.0| 117.0|
| 11-15|si| 9| Ty | | -96.1| 0.0| -2.4| 96.2|
----- PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 16343.1| -5392.5| 0.0| -8696.8| 13.0| -10.3|
| 12- 9| 6758.9| -1801.1| 0.0| -3824.2| 120.8| -2.4|
| 11- 2| 6037.1| -695.5| 0.0| -2177.8| -9.1| -26.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -346.5| 0.0| 0.0| 346.5|
| 12- 9|si| 6| Tz | | -115.1| 5.2| 0.0| 115.4|
| 11- 2|si| 9| Ty | | -51.1| 0.0| 3.1| 51.3|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16159.2| -6209.0| 0.0| -8470.9| 54.3| -30.0|
| 12- 9| 6559.8| -4714.7| 0.0| -3824.2| 120.8| -14.1|

```

Copertura area carburante - Relazione di calcolo

```

| 11- 2| 5255.7| -476.0| 0.0| -2177.8| -9.1| -38.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -350.8| 0.0| 0.0| 350.8|
| 12- 9|si| 6| Tz | -106.0| 5.4| 0.0| 106.4|
| 11- 2|si| 9| Ty | -50.9| 0.0| 4.4| 51.5|
-----
PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 15242.3| -7520.0| 0.0| -8470.9| 54.3| -46.0|
| 8- 2| 4484.6| -4341.6| 0.0| -2506.3| 120.6| -36.3|
| 11- 2| 4190.5| -256.6| 0.0| -2177.8| -9.1| -50.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -363.2| 0.0| 0.0| 363.2|
| 8- 2|si| 6| Tz | -66.8| 5.9| 0.0| 67.6|
| 11- 2|si| 9| Ty | -50.8| 0.0| 5.8| 51.8|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 13939.0| -8831.0| 0.0| -8470.9| 54.3| -62.0|
| 8- 2| 3415.3| -7578.6| 0.0| -2506.3| 147.7| -52.3|
| 7- 1| 12383.5| -8159.3| 0.0| -7438.7| 50.3| -65.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -373.9| 0.0| 0.0| 373.9|
| 8- 2|si| 6| Tz | -52.7| 7.5| 0.0| 54.3|
| 7- 1|si| 9| Ty | -178.1| 0.0| 7.6| 178.6|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -8470.9|Mzeq = 16834.0|Myeq = -6623.3|Ss = -420.4 ( 0.161)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 386- 387) 697
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 13939.0| -8831.0| 0.0| -13142.0| -87.0| 74.9|
| 8- 2| 3415.3| -7578.6| 0.0| -3861.8| -151.7| 56.9|
| 6- 1| 13856.6| -4563.2| 0.0| -12730.8| 1.3| 78.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -482.4| 0.0| 0.0| 482.4|
| 8- 2|si| 6| Tz | -84.2| -7.7| 0.0| 85.3|
| 6- 1|si| 9| Ty | -298.8| 0.0| -9.2| 299.2|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 15553.7| -6732.7| 0.0| -13142.0| -87.0| 58.9|
| 12-14| 5591.1| -8473.4| 0.0| -6471.5| -143.6| 31.1|
| 6- 1| 15566.8| -4397.1| 0.0| -12730.8| -15.0| 62.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -463.2| 0.0| 0.0| 463.2|
| 12-14|si| 6| Tz | -152.4| -6.8| 0.0| 152.9|
| 6- 1|si| 9| Ty | -298.7| 0.0| -7.3| 298.9|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16782.1| -4634.4| 0.0| -13142.0| -87.0| 42.9|
| 12-14| 6200.5| -5008.5| 0.0| -6471.5| -143.6| 19.4|
| 6- 1| 16890.6| -3838.2| 0.0| -12730.8| -31.3| 46.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -442.2| 0.0| 0.0| 442.2|
| 12-14|si| 6| Tz | -165.0| -6.5| 0.0| 165.4|
| 6- 1|si| 9| Ty | -298.3| 0.0| -5.4| 298.5|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17624.1| -2536.1| 0.0| -13142.0| -87.0| 26.9|
| 12-14| 6526.2| -1543.6| 0.0| -6471.5| -143.6| 7.6|
| 6- 1| 17828.1| -2886.4| 0.0| -12730.8| -47.6| 30.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -419.3| 0.0| 0.0| 419.3|
| 12-14|si| 6| Tz | -176.3| -6.3| 0.0| 176.6|
| 6- 1|si| 9| Ty | -297.7| 0.0| -3.6| 297.8|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 18379.3| -1541.8| 0.0| -12730.8| -63.9| 14.8|
| 12-14| 6568.1| 1921.3| 0.0| -6471.5| -143.6| -4.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -400.6| 0.0| 0.0| 400.6|
| 12-14|si| 5| Tz | -175.4| -6.2| 0.0| 175.7|
| 6- 1|si| 9| Ty | -296.8| 0.0| -1.7| 296.9|
-----
PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18149.0| 1660.6| 0.0| -13142.0| -87.0| -5.1|
| 12-14| 6326.3| 5386.2| 0.0| -6471.5| -143.6| -15.9|
| 8- 2| 5444.3| 2534.8| 0.0| -3861.8| -16.0| -23.2|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -410.6| 0.0| 0.0| 410.6|
| 12-14|si| 5| Tz | -164.5| -6.5| 0.0| 164.9|
| 8- 2|si| 9| Ty | -88.1| 0.0| 2.7| 88.3|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17832.0| 3758.9| 0.0| -13142.0| -87.0| -21.1|
| 12-14| 5800.7| 8851.1| 0.0| -6471.5| -143.6| -27.7|
| 8- 2| 4691.1| 2593.2| 0.0| -3861.8| 11.2| -39.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -435.9| 0.0| 0.0| 435.9|
| 12-14|si| 5| Tz | -152.3| -6.7| 0.0| 152.7|
| 8- 2|si| 9| Ty | -88.1| 0.0| 4.6| 88.4|
-----
PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17128.6| 5857.2| 0.0| -13142.0| -87.0| -37.2|
| 12-14| 4991.3| 12315.9| 0.0| -6471.5| -143.6| -39.4|
| 8- 2| 3551.5| 1996.8| 0.0| -3861.8| 38.3| -55.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -459.3| 0.0| 0.0| 459.3|
| 12-14|si| 5| Tz | -138.8| -7.0| 0.0| 139.3|
| 8- 2|si| 9| Ty | -88.5| 0.0| 6.4| 89.2|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16038.8| 7955.5| 0.0| -13142.0| -87.0| -53.2|
| 8- 1| 14966.9| 6998.2| 0.0| -11152.8| -150.2| -50.0|
| 8- 2| 2025.5| 745.6| 0.0| -3861.8| 65.4| -71.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -481.0| 0.0| 0.0| 481.0|
| 8- 1|si| 5| Tz | -308.8| -7.5| 0.0| 309.0|
| 8- 2|si| 9| Ty | -89.3| 0.0| 8.3| 90.4|
-----
VERIFICA STABILITA` :
|LO = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -13142.0|Mzeq = 18149.0|Myeq = -6623.3|Ss = -569.0 ( 0.217)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 387- 388) 698
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 16720.3| 7765.4| 0.0| -10301.2| 90.3| 45.4|
| 12-16| 4832.1| 15588.2| 0.0| -6205.7| 145.0| 45.3|
| 7- 2| 3161.4| 428.9| 0.0| -3855.3| -3.1| 70.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -415.7| 0.0| 0.0| 415.7|
| 12-16|si| 5| Tz | -122.6| 7.2| 0.0| 123.3|
| 7- 2|si| 9| Ty | -89.3| 0.0| -8.2| 90.4|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16816.1| 6800.6| 0.0| -9921.3| 47.9| 24.2|
| 12-16| 5782.9| 12089.6| 0.0| -6205.7| 145.0| 33.5|
| 7- 2| 4673.1| 502.9| 0.0| -3855.3| -3.1| 54.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -395.0| 0.0| 0.0| 395.0|
| 12-16|si| 5| Tz | -136.9| 6.9| 0.0| 137.4|
| 7- 2|si| 9| Ty | -89.3| 0.0| -6.3| 89.9|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17206.9| 5645.7| 0.0| -9921.3| 47.9| 8.2|
| 12-16| 6449.9| 8591.0| 0.0| -6205.7| 145.0| 21.8|
| 7- 2| 5798.5| 576.9| 0.0| -3855.3| -3.1| 38.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -382.2| 0.0| 0.0| 382.2|
| 12-16|si| 5| Tz | -149.9| 6.6| 0.0| 150.3|
| 7- 2|si| 9| Ty | -89.2| 0.0| -4.5| 89.6|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17211.5| 4490.7| 0.0| -9921.3| 47.9| -7.8|
| 12-16| 6833.1| 5092.4| 0.0| -6205.7| 145.0| 10.0|
| 11-14| 8963.9| 166.8| 0.0| -4969.0| -10.8| 24.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -367.5| 0.0| 0.0| 367.5|
| 12-16|si| 5| Tz | -161.5| 6.4| 0.0| 161.9|
| 11-14|si| 9| Ty | -115.4| 0.0| -2.8| 115.5|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16829.6| 3335.8| 0.0| -9921.3| 47.9| -23.8|
| 12-14| 5321.5| 1604.5| 0.0| -5148.1| 146.9| -8.8|
| 7- 1| 14549.9| 2997.1| 0.0| -8316.7| 44.7| -24.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

5- 1 si 2 Sx	Si	-351.0	0.0	0.0	351.0
| 12-14|si| 6| Tz		-148.8|	6.4|	0.0|	149.2|
| 7- 1|si| 9| Ty		-191.4|	0.0|	2.9|	191.4|

PROGR.

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	17365.2|	1787.6|	0.0|	-10301.2|	8.8|	-34.7|
| 12-14|	4967.9|	-1939.6|	0.0|	-5148.1|	146.9|	-20.5|
| 7- 1|	13763.7|	1917.6|	0.0|	-8316.7|	44.7|	-40.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-342.6|	0.0|	0.0|	342.6|
| 12-14|si| 6| Tz		-137.2|	6.7|	0.0|	137.7|
| 7- 1|si| 9| Ty		-192.1|	0.0|	4.7|	192.2|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	16335.2|	1770.6|	0.0|	-10301.2|	-7.4|	-50.7|
| 12-14|	4330.6|	-5483.7|	0.0|	-5148.1|	146.9|	-32.3|
| 7- 1|	12591.2|	838.2|	0.0|	-8316.7|	44.7|	-56.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-337.6|	0.0|	0.0|	337.6|
| 12-14|si| 6| Tz		-124.2|	7.0|	0.0|	124.8|
| 7- 1|si| 9| Ty		-192.7|	0.0|	6.6|	193.1|

PROGR.

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	14918.8|	2146.5|	0.0|	-10301.2|	-23.7|	-66.7|
| 12-14|	3409.5|	-9027.8|	0.0|	-5148.1|	146.9|	-44.1|
| 7- 1|	11032.3|	-241.3|	0.0|	-8316.7|	44.7|	-72.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-335.8|	0.0|	0.0|	335.8|
| 12-14|si| 6| Tz		-110.0|	7.2|	0.0|	110.7|
| 7- 1|si| 9| Ty		-193.4|	0.0|	8.4|	194.0|

PROGR.

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	13116.0|	2915.2|	0.0|	-10301.2|	-40.0|	-82.7|
| 8- 2|	1642.2|	-5977.6|	0.0|	-3222.1|	143.4|	-66.0|
| 7- 1|	9087.1|	-1320.8|	0.0|	-8316.7|	44.7|	-88.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-337.3|	0.0|	0.0|	337.3|
| 8- 2|si| 6| Tz		-65.6|	7.6|	0.0|	66.9|
| 7- 1|si| 9| Ty		-194.1|	0.0|	10.3|	194.9|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -10301.2|Mzeq = 18266.3|Myeq = 5824.1|Ss = -472.4 (0.180)

P_HEB140_S006 (6) stato limite ultimo - ASTA (388- 389) 699
 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	11882.4|	5677.7|	0.0|	-8285.4|	156.0|	28.4|
| 11-15|	8019.5|	-2396.4|	0.0|	-7256.7|	-7.9|	63.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 8- 1|si| 2|Sx	Si	-319.9|	0.0|	0.0|	319.9|
| 8- 1|si| 5| Tz		-231.6|	7.3|	0.0|	231.9|
| 11-15|si| 9| Ty		-170.2|	0.0|	-7.3|	170.6|

PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	13563.3|	589.0|	0.0|	-9363.9|	88.3|	10.5|
| 12- 3|	5727.5|	9269.2|	0.0|	-2712.9|	121.0|	29.7|
| 11-15|	9403.6|	-2207.0|	0.0|	-7256.7|	-7.9|	51.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-287.9|	0.0|	0.0|	287.9|
| 12- 3|si| 5| Tz		-63.4|	5.8|	0.0|	64.2|
| 11-15|si| 9| Ty		-170.0|	0.0|	-6.0|	170.4|

PROGR.

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	13624.2|	-1344.3|	0.0|	-9363.9|	72.0|	-5.5|
| 12- 3|	6301.0|	6349.2|	0.0|	-2712.9|	121.0|	17.9|
| 11-15|	10503.9|	-2017.5|	0.0|	-7256.7|	-7.9|	39.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-297.8|	0.0|	0.0|	297.8|
| 12- 3|si| 5| Tz		-74.3|	5.5|	0.0|	74.9|
| 11-15|si| 9| Ty		-169.9|	0.0|	-4.6|	170.1|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	13298.7|	-2884.8|	0.0|	-9363.9|	55.7|	-21.5|
| 12- 3|	6590.7|	3429.2|	0.0|	-2712.9|	121.0|	6.1|
| 7- 1|	8307.5|	-2552.0|	0.0|	-6280.8|	17.0|	-34.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-315.9|	0.0|	0.0|	315.9|
| 12- 3|si| 5| Tz		-83.9|	5.3|	0.0|	84.4|

Copertura area carburante - Relazione di calcolo

| 7- 1|si| 9|	Ty	-147.6|	0.0|	4.0|	147.8|		
----- PROGR. 96.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	12587.0|	-4032.4|	0.0|	-9363.9|	39.4|	-37.5|	
| 12- 1|	2884.6|	654.6|	0.0|	-796.1|	117.8|	-20.4|	
| 7- 1|	7275.0|	-2962.4|	0.0|	-6280.8|	17.0|	-50.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-327.3|	0.0|	0.0|	327.3|		
| 12- 1|si| 6|	Tz	-33.7|	5.5|	0.0|	35.0|		
| 7- 1|si| 9|	Ty	-147.8|	0.0|	5.9|	148.2|		
----- PROGR. 121.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	11488.8|	-4787.2|	0.0|	-9363.9|	23.1|	-53.5|	
| 12- 1|	2250.8|	-2186.2|	0.0|	-796.1|	117.8|	-32.2|	
| 7- 1|	5856.1|	-3372.8|	0.0|	-6280.8|	17.0|	-66.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-331.8|	0.0|	0.0|	331.8|		
| 12- 1|si| 6|	Tz	-22.8|	5.7|	0.0|	24.8|		
| 7- 1|si| 9|	Ty	-148.1|	0.0|	7.8|	148.7|		
----- PROGR. 145.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	10004.3|	-5149.1|	0.0|	-9363.9|	6.9|	-69.5|	
| 12- 1|	1333.3|	-5027.0|	0.0|	-796.1|	117.8|	-43.9|	
| 7- 1|	4050.8|	-3783.2|	0.0|	-6280.8|	17.0|	-82.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-329.5|	0.0|	0.0|	329.5|		
| 12- 1|si| 6|	Tz	-10.5|	6.0|	0.0|	14.8|		
| 7- 1|si| 9|	Ty	-148.4|	0.0|	9.6|	149.3|		
----- PROGR. 169.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	8133.5|	-5118.2|	0.0|	-9363.9|	-9.4|	-85.6|	
| 12- 1|	132.0|	-7867.8|	0.0|	-796.1|	117.8|	-55.7|	
| 7- 1|	1859.2|	-4193.6|	0.0|	-6280.8|	17.0|	-98.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-320.5|	0.0|	0.0|	320.5|		
| 12- 1|si| 6|	Tz	3.1|	6.3|	0.0|	11.3|		
| 7- 1|si| 9|	Ty	-148.6|	0.0|	11.5|	150.0|		
----- PROGR. 193.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	5876.3|	-4694.3|	0.0|	-9363.9|	-25.7|	-101.6|	
| 12- 1|	-1353.0|	-10708.7|	0.0|	-796.1|	117.8|	-67.4|	
| 7- 1|	-718.8|	-4604.0|	0.0|	-6280.8|	17.0|	-114.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-304.6|	0.0|	0.0|	304.6|		
| 12- 1|si| 6|	Tz	18.0|	6.5|	0.0|	21.2|		
| 7- 1|si| 9|	Ty	-148.9|	0.0|	13.3|	150.7|		
----- PROGR. 193.							
VERIFICA STABILITA' :							
|L0 = 193.1|							
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|							
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|							
Caso 6- 1 - Nodo 1 - Asse Y							
Ned = -9363.9|Mzeq = 13624.2|Myeq = -3880.2|Ss = -396.6 (0.151)							
P_HEB140_S006 (6) stato limite ultimo - ASTA (389- 390) 700							
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-13|	11258.8|	-4345.0|	0.0|	-6839.0|	-22.5|	-11.3|	
| 8- 2|	-1881.6|	-3610.7|	0.0|	161.8|	-127.3|	73.8|	
| 11- 4|	-9399.6|	1562.0|	0.0|	5107.1|	8.1|	95.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-13|si| 1|Sx	Si	-266.4|	0.0|	0.0|	266.4|		
| 8- 2|si| 6|	Tz	22.7|	-7.1|	0.0|	25.8|		
| 11- 4|si| 9|	Ty	119.7|	0.0|	-11.1|	121.2|		
----- PROGR. 24.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-13|	10844.7|	-3801.9|	0.0|	-6839.0|	-22.5|	-23.0|	
| 8- 2|	-294.2|	-867.6|	0.0|	161.8|	-100.1|	57.8|	
| 11- 4|	-7231.5|	1366.8|	0.0|	5107.1|	8.1|	84.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-13|si| 1|Sx	Si	-257.6|	0.0|	0.0|	257.6|		
| 8- 2|si| 6|	Tz	7.6|	-5.6|	0.0|	12.3|		
| 11- 4|si| 9|	Ty	119.6|	0.0|	-9.8|	120.7|		
----- PROGR. 48.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-13|	10146.7|	-3258.8|	0.0|	-6839.0|	-22.5|	-34.8|	
| 8- 2|	906.9|	1220.6|	0.0|	161.8|	-73.0|	41.8|	
| 11- 4|	-5347.1|	1171.5|	0.0|	5107.1|	8.1|	72.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-13|si| 1|Sx	Si	-247.4|	0.0|	0.0|	247.4|		
| 8- 2|si| 6|	Tz	-3.9|	-4.1|	0.0|	8.0|		
| 11- 4|si| 9|	Ty	119.4|	0.0|	-8.4|	120.3|		

Copertura area carburante - Relazione di calcolo

----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-13	9165.0	-2715.6	0.0	-6839.0	-22.5	-46.6
12- 1	1282.6	-6692.9	0.0	1851.5	-55.5	18.8
11- 4	-3746.5	976.3	0.0	5107.1	8.1	60.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-13	si	1	Sx	Si	-236.0	0.0
12- 1	si	6	Tz	56.0	-2.8	0.0
11- 4	si	9	Ty	119.3	0.0	-7.0

----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-13	7899.5	-2172.5	0.0	-6839.0	-22.5	-58.3
12- 4	4625.0	-5397.9	0.0	-1885.1	-55.9	-24.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-13	si	1	Sx	Si	-223.2	0.0
12- 4	si	5	Tz	-80.4	-2.9	0.0
11-13	si	9	Ty	-160.3	0.0	6.8

----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-13	6350.3	-1629.4	0.0	-6839.0	-22.5	-70.1
12- 4	3894.4	-4048.4	0.0	-1885.1	-55.9	-36.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-13	si	1	Sx	Si	-209.1	0.0
12- 4	si	5	Tz	-73.3	-3.2	0.0
11-13	si	9	Ty	-160.0	0.0	8.1

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	4405.0	317.9	0.0	-7348.5	6.6	-79.5
8- 1	3567.5	-4797.1	0.0	-1460.1	-72.3	-57.9
11-13	4517.3	-1086.3	0.0	-6839.0	-22.5	-81.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-195.2	0.0
8- 1	si	5	Tz	-64.0	-4.4	0.0
11-13	si	9	Ty	-159.6	0.0	9.5

----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	2344.4	158.9	0.0	-7348.5	6.6	-91.3
8- 1	1976.9	-2725.9	0.0	-1460.1	-99.4	-73.9
11-13	2400.5	-543.1	0.0	-6839.0	-22.5	-93.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-183.7	0.0
8- 1	si	5	Tz	-50.8	-5.9	0.0
11-13	si	9	Ty	-159.3	0.0	10.9

----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	0.0	0.0	0.0	-7348.5	6.6	-103.1
8- 1	0.0	0.0	0.0	-1460.1	-126.6	-90.0
11-13	0.0	0.0	0.0	-6839.0	-22.5	-105.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	3	Sx	Si	-170.8	0.0
8- 1	si	5	Tz	-33.9	-7.4	0.0
11-13	si	9	Ty	-158.9	0.0	12.2
11-16	si	9	Si	-170.8	0.0	12.0

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso11-13 - Nodo 1 - Asse Y
 Ned = -6839.0 |Mzeq = 9285.7 |Myeq = -3258.8 |Ss = -291.6 (0.111)

P_HEB140_S006 (6) stato limite ultimo - ASTA (699- 703) 1163
----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	18.4	-16365.4	23.7	197.5
5- 1	0.0	0.0	18.3	-16026.6	12.5	198.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	Si	-380.3	0.0
6- 1	si	5	Tz	-380.3	6.9	0.0
5- 1	si	9	Ty	-372.4	0.0	-23.8
6- 1	si	9	Si	-380.3	0.0	-23.7

----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	4636.8	-572.0	18.4	-16365.4	23.7	186.9
5- 1	4650.2	-302.1	18.3	-16026.6	12.5	187.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	Si	-409.1	0.0
6- 1	si	5	Tz	-403.4	6.7	0.0
5- 1	si	9	Ty	-372.6	0.0	-22.6

----- PROGR. 48.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 6- 1|	9018.2|	-1144.0|	18.4|	-16365.4|	23.7|	176.3|
| 5- 1|	9045.0|	-604.1|	18.3|	-16026.6|	12.5|	176.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-436.7|	0.0|	0.0|	436.7|
| 6- 1|si| 5| Tz |		-425.3|	6.4|	0.0|	425.5|
| 5- 1|si| 9| Ty |		-372.8|	0.0|	-21.3|	374.7|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13144.2|	-1716.1|	18.4|	-16365.4|	23.7|	165.7|
| 5- 1|	13184.4|	-906.2|	18.3|	-16026.6|	12.5|	166.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-463.1|	0.0|	0.0|	463.1|
| 6- 1|si| 5| Tz |		-446.0|	6.2|	0.0|	446.2|
| 5- 1|si| 9| Ty |		-373.0|	0.0|	-20.1|	374.6|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17014.8|	-2288.1|	18.4|	-16365.4|	23.7|	155.1|
| 5- 1|	17068.3|	-1208.2|	18.3|	-16026.6|	12.5|	155.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-488.3|	0.0|	0.0|	488.3|
| 6- 1|si| 5| Tz |		-465.6|	5.9|	0.0|	465.7|
| 5- 1|si| 9| Ty |		-373.2|	0.0|	-18.9|	374.6|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	20630.0|	-2860.1|	18.4|	-16365.4|	23.7|	144.6|
| 5- 1|	20696.9|	-1510.3|	18.3|	-16026.6|	12.5|	145.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-512.3|	0.0|	0.0|	512.3|
| 6- 1|si| 5| Tz |		-483.9|	5.7|	0.0|	484.0|
| 5- 1|si| 9| Ty |		-373.4|	0.0|	-17.6|	374.7|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	23989.8|	-3432.1|	18.4|	-16365.4|	23.7|	134.0|
| 5- 1|	24070.1|	-1812.4|	18.3|	-16026.6|	12.5|	134.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-535.1|	0.0|	0.0|	535.1|
| 6- 1|si| 5| Tz |		-501.1|	5.4|	0.0|	501.2|
| 5- 1|si| 9| Ty |		-373.6|	0.0|	-16.4|	374.7|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	27094.2|	-4004.1|	18.4|	-16365.4|	23.7|	123.4|
| 5- 1|	27187.9|	-2114.4|	18.3|	-16026.6|	12.5|	123.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-556.8|	0.0|	0.0|	556.8|
| 6- 1|si| 5| Tz |		-517.1|	5.2|	0.0|	517.2|
| 5- 1|si| 9| Ty |		-373.8|	0.0|	-15.2|	374.7|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	29943.2|	-4576.2|	18.4|	-16365.4|	23.7|	112.8|
| 5- 1|	30050.3|	-2416.5|	18.3|	-16026.6|	12.5|	113.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-577.3|	0.0|	0.0|	577.3|
| 6- 1|si| 5| Tz |		-531.9|	4.9|	0.0|	532.0|
| 5- 1|si| 9| Ty |		-374.0|	0.0|	-13.9|	374.8|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -16365.4|Mzeq = 22457.4|Myeq = -3432.1|Ss = -644.7 (0.246)

P_HEB140_S006 (6) stato limite ultimo - ASTA (701- 704) 1164
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	2.6|	-18856.3|	59.3|	221.5|
| 6- 1|	0.0|	0.0|	-1.1|	-18794.2|	69.2|	220.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-438.2|	0.0|	0.0|	438.2|
| 6- 1|si| 5| Tz |		-436.8|	8.1|	0.0|	437.0|
| 5- 1|si| 9| TySi |		-438.2|	0.0|	-25.8|	440.5|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	5197.6|	-1668.7|	-1.1|	-18794.2|	69.2|	210.2|
| 5- 1|	5215.9|	-1431.7|	2.6|	-18856.3|	59.3|	210.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-482.1|	0.0|	0.0|	482.1|
| 6- 1|si| 5| Tz |		-465.5|	7.9|	0.0|	465.7|
| 5- 1|si| 9| Ty |		-439.1|	0.0|	-24.6|	441.2|

----- PROGR. 48.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	10139.9 |	-3337.4 |	-1.1 |	-18794.2 |	69.2 |	199.6 |
| 5- 1 |	10176.3 |	-2863.4 |	2.6 |	-18856.3 |	59.3 |	200.3 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-526.2 |	0.0 |	0.0 |	526.2 |
| 6- 1 |	si | 5 | Tz		-493.1 |	7.6 |	0.0 |	493.3 |
| 5- 1 |	si | 9 | Ty		-440.0 |	0.0 |	-23.4 |	441.9 |
----- PROGR. 72.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	14826.8 |	-5006.1 |	-1.1 |	-18794.2 |	69.2 |	189.0 |
| 5- 1 |	14881.4 |	-4295.1 |	2.6 |	-18856.3 |	59.3 |	189.7 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-569.2 |	0.0 |	0.0 |	569.2 |
| 6- 1 |	si | 5 | Tz		-519.6 |	7.4 |	0.0 |	519.7 |
| 5- 1 |	si | 9 | Ty		-440.9 |	0.0 |	-22.2 |	442.6 |
----- PROGR. 96.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	19258.2 |	-6674.8 |	-1.1 |	-18794.2 |	69.2 |	178.4 |
| 5- 1 |	19331.1 |	-5726.9 |	2.6 |	-18856.3 |	59.3 |	179.1 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-611.0 |	0.0 |	0.0 |	611.0 |
| 6- 1 |	si | 5 | Tz		-544.8 |	7.1 |	0.0 |	544.9 |
| 5- 1 |	si | 9 | Ty		-441.9 |	0.0 |	-20.9 |	443.3 |
----- PROGR. 121.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	23434.3 |	-8343.5 |	-1.1 |	-18794.2 |	69.2 |	167.8 |
| 5- 1 |	23525.4 |	-7158.6 |	2.6 |	-18856.3 |	59.3 |	168.6 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-651.5 |	0.0 |	0.0 |	651.5 |
| 6- 1 |	si | 5 | Tz		-568.8 |	6.9 |	0.0 |	569.0 |
| 5- 1 |	si | 9 | Ty		-442.8 |	0.0 |	-19.7 |	444.1 |
----- PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	27354.9 |	-10012.2 |	-1.1 |	-18794.2 |	69.2 |	157.2 |
| 5- 1 |	27464.2 |	-8590.3 |	2.6 |	-18856.3 |	59.3 |	158.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-691.0 |	0.0 |	0.0 |	691.0 |
| 6- 1 |	si | 5 | Tz		-591.7 |	6.6 |	0.0 |	591.8 |
| 5- 1 |	si | 9 | Ty		-443.7 |	0.0 |	-18.5 |	444.8 |
----- PROGR. 169.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	31020.2 |	-11680.9 |	-1.1 |	-18794.2 |	69.2 |	146.6 |
| 5- 1 |	31147.7 |	-10022.0 |	2.6 |	-18856.3 |	59.3 |	147.4 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-729.2 |	0.0 |	0.0 |	729.2 |
| 6- 1 |	si | 5 | Tz		-613.4 |	6.4 |	0.0 |	613.5 |
| 5- 1 |	si | 9 | Ty		-444.6 |	0.0 |	-17.2 |	445.6 |
----- PROGR. 193.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	34430.1 |	-13349.6 |	-1.1 |	-18794.2 |	69.2 |	136.0 |
| 5- 1 |	34575.8 |	-11453.7 |	2.6 |	-18856.3 |	59.3 |	136.8 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-766.2 |	0.0 |	0.0 |	766.2 |
| 6- 1 |	si | 5 | Tz		-633.9 |	6.1 |	0.0 |	634.0 |
| 5- 1 |	si | 9 | Ty		-445.5 |	0.0 |	-16.0 |	446.4 |
----- PROGR. 0.						
VERIFICA STABILITA` :						
|L0 = 193. |						
Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |						
Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |						
Caso 6- 1 - Nodo 1 - Asse Y						
Ned = -18794.2 |Mzeq = 25822.5 |Myeq = -10012.2 |Ss = -823.7 (0.315)						
P_HEB140_S006 (6) stato limite ultimo - ASTA (703- 706) 1166						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	29941.4 |	-3942.6 |	8.9 |	-29120.3 |	-25.4 |	123.2 |
| 12-11 |	4951.8 |	15120.8 |	4.4 |	-5447.3 |	157.1 |	55.6 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-865.6 |	0.0 |	0.0 |	865.6 |
| 12-11 |	si | 5 | Tz		-106.9 |	8.3 |	0.0 |	107.8 |
| 6- 1 |	si | 9 | Ty		-679.3 |	0.0 |	-14.7 |	679.7 |
----- PROGR. 24.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	32785.6 |	-3329.3 |	8.9 |	-29120.3 |	-25.4 |	112.6 |
| 12-11 |	6194.9 |	11331.2 |	4.4 |	-5447.3 |	157.1 |	47.5 |
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si | 1 | Sx	Si |	-871.0 |	0.0 |	0.0 |	871.0 |
| 12-11 |	si | 5 | Tz		-123.3 |	8.1 |	0.0 |	124.1 |
| 6- 1 |	si | 9 | Ty		-678.9 |	0.0 |	-13.5 |	679.3 |
----- PROGR. 48.						

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	35374.5	-2716.1	8.9	-29120.3	-25.4	102.0
12-11	7241.6	7541.7	4.4	-5447.3	157.1	39.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-875.2	0.0	0.0	875.2
12-11	si	5	Tz	-138.9	7.9	0.0	139.5	
6- 1	si	9	Ty	-678.5	0.0	-12.2	678.8	
 ----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	37707.9	-2102.9	8.9	-29120.3	-25.4	91.4
12-11	8091.8	3752.1	4.4	-5447.3	157.1	31.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-878.2	0.0	0.0	878.2
12-11	si	5	Tz	-153.5	7.7	0.0	154.1	
6- 1	si	9	Ty	-678.1	0.0	-11.0	678.3	
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	39785.9	-1489.7	8.9	-29120.3	-25.4	80.8
12-11	8745.5	-37.4	4.4	-5447.3	157.1	23.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-880.0	0.0	0.0	880.0
12-11	si	5	Tz	-167.2	7.5	0.0	167.7	
6- 1	si	9	Ty	-677.7	0.0	-9.8	677.9	
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	41564.9	-1928.4	7.3	-28810.2	1.5	69.0
12-11	9202.8	-3827.0	4.4	-5447.3	157.1	14.9
6- 1	41608.5	-876.5	8.9	-29120.3	-25.4	70.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-886.6	0.0	0.0	886.6
12-11	si	5	Tz	-180.0	7.3	0.0	180.5	
6- 1	si	9	Ty	-677.3	0.0	-8.5	677.5	
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	43101.9	-1963.5	7.3	-28810.2	1.5	58.4
12-11	9463.6	-7616.5	4.4	-5447.3	157.1	6.7
6- 1	43175.8	-263.3	8.9	-29120.3	-25.4	59.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-894.2	0.0	0.0	894.2
12-11	si	5	Tz	-191.9	7.1	0.0	192.3	
6- 1	si	9	Ty	-676.9	0.0	-7.3	677.0	
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	44383.6	-1998.6	7.3	-28810.2	1.5	47.8
12- 9	9523.2	-11993.8	2.4	-5165.8	160.6	-3.3
6- 1	44487.6	349.9	8.9	-29120.3	-25.4	49.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-900.6	0.0	0.0	900.6
12- 9	si	6	Tz	-130.3	7.1	0.0	130.9	
6- 1	si	9	Ty	-676.5	0.0	-6.1	676.6	
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45409.9	-2033.7	7.3	-28810.2	1.5	37.2
12- 9	9345.9	-15867.4	2.4	-5165.8	160.6	-11.4
6- 1	45544.0	963.1	8.9	-29120.3	-25.4	38.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-905.8	0.0	0.0	905.8
12- 9	si	6	Tz	-118.6	7.2	0.0	119.3	
6- 1	si	9	Ty	-676.1	0.0	-4.8	676.2	
 ----- PROGR. 24.

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -29120.3 |Mzeq = 45544.0 |Myeq = -2956.9 |Ss = -1136.4 (0.434)

P_HEB140_S006 (6) stato limite ultimo - ASTA (704- 707) 1167
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 34431.3 | -12834.7 | -131.2 | -32470.6 | -97.2 | 98.0 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1077.5	0.0	0.0	1077.5
6- 1	si	6	Tz	-877.9	-15.9	0.0	878.3	
6- 1	si	9	Ty	-762.8	0.0	-16.9	763.3	
 ----- PROGR. 24.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 36667.1 | -10490.2 | -131.2 | -32470.6 | -97.2 | 87.4 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx |Si| -1058.0 | 0.0 | 0.0 | 1058.0 |

Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 6| Tz | -894.8| -15.7| 0.0| 895.3|
| 6- 1|si| 9| Ty | -761.3| 0.0| -15.7| 761.8|
----- PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 38647.5| -8145.6| -131.2| -32470.6| -97.2| 76.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1037.3| 0.0| 0.0| 1037.3|
| 6- 1|si| 6| Tz | -910.6| -15.4| 0.0| 911.0|
| 6- 1|si| 9| Ty | -759.8| 0.0| -14.5| 760.2|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 40372.5| -5801.0| -131.2| -32470.6| -97.2| 66.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1015.5| 0.0| 0.0| 1015.5|
| 6- 1|si| 6| Tz | -925.2| -15.2| 0.0| 925.6|
| 6- 1|si| 9| Ty | -758.3| 0.0| -13.2| 758.6|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 41962.2| -3840.7| -130.4| -32439.4| -70.3| 55.4|
| 6- 1| 41842.1| -3456.4| -131.2| -32470.6| -97.2| 55.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -997.1| 0.0| 0.0| 997.1|
| 6- 1|si| 6| Tz | -938.6| -14.9| 0.0| 939.0|
| 6- 1|si| 9| Ty | -756.8| 0.0| -12.0| 757.1|
----- PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 43170.1| -2144.8| -130.4| -32439.4| -70.3| 44.8|
| 6- 1| 43056.4| -1111.8| -131.2| -32470.6| -97.2| 45.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -981.1| 0.0| 0.0| 981.1|
| 6- 1|si| 6| Tz | -950.9| -14.7| 0.0| 951.2|
| 6- 1|si| 9| Ty | -755.3| 0.0| -10.8| 755.5|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 44015.2| 1232.7| -131.2| -32470.6| -97.2| 34.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -974.2| 0.0| 0.0| 974.2|
| 6- 1|si| 6| Tz | -961.9| -14.4| 0.0| 962.3|
| 6- 1|si| 9| Ty | -753.8| 0.0| -9.6| 754.0|
----- PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 44718.6| 3577.3| -131.2| -32470.6| -97.2| 23.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1007.3| 0.0| 0.0| 1007.3|
| 6- 1|si| 6| Tz | -971.8| -14.2| 0.0| 972.1|
| 6- 1|si| 9| Ty | -752.3| 0.0| -8.3| 752.5|
----- PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 45166.7| 5921.9| -131.2| -32470.6| -97.2| 13.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1039.2| 0.0| 0.0| 1039.2|
| 6- 1|si| 6| Tz | -980.5| -13.9| 0.0| 980.8|
| 6- 1|si| 9| Ty | -750.8| 0.0| -7.1| 750.9|
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VERIFICA STABILITA` :
|L0 = 193.1|
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -32470.6|Mzeq = 45166.7|Myeq = -9626.1|Ss = -1331.8 ( 0.509)
P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 706- 709) 1169
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45407.3| -2070.4| -0.4| -39784.6| -11.5| 98.5|
| 12- 9| 9345.3| -15644.9| -1.0| -8632.2| -135.3| 44.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1161.2| 0.0| 0.0| 1161.2|
| 12- 9|si| 6| Tz | -199.8| -6.8| 0.0| 200.1|
| 5- 1|si| 9| Ty | -925.9| 0.0| -11.5| 926.1|
----- PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47655.9| -1792.9| -0.4| -39784.6| -11.5| 87.9|
| 12- 9| 10328.4| -12380.9| -1.0| -8632.2| -135.3| 36.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1168.1| 0.0| 0.0| 1168.1|
| 12- 9|si| 6| Tz | -213.5| -6.7| 0.0| 213.8|
| 5- 1|si| 9| Ty | -925.7| 0.0| -10.2| 925.9|
----- PROGR. 48.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	49649.2	-1515.4	-0.4	-39784.6	-11.5	77.3
12- 9|	11115.0|	-9117.0|	-1.0|	-8632.2|	-135.3|	28.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-1173.8|	0.0|	0.0|	1173.8|
12- 9|si| 6|	Tz			-226.4|	-6.5|	0.0|	226.7|
5- 1|si| 9|	Ty			-925.5|	0.0|	-9.0|	925.7|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	51387.0|	-1237.9|	-0.4|	-39784.6|	-11.5|	66.7|
12- 9|	11705.2|	-5853.1|	-1.0|	-8632.2|	-135.3|	20.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-1178.3|	0.0|	0.0|	1178.3|
12- 9|si| 6|	Tz			-238.3|	-6.3|	0.0|	238.6|
5- 1|si| 9|	Ty			-925.4|	0.0|	-7.8|	925.5|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	52869.5|	-960.4|	-0.4|	-39784.6|	-11.5|	56.2|
12- 9|	12098.8|	-2589.2|	-1.0|	-8632.2|	-135.3|	12.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-1181.7|	0.0|	0.0|	1181.7|
12- 9|si| 6|	Tz			-249.3|	-6.1|	0.0|	249.6|
5- 1|si| 9|	Ty			-925.2|	0.0|	-6.5|	925.3|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	54115.7|	-958.1|	0.5|	-39881.1|	16.6|	44.6|
12- 9|	12296.1|	674.7|	-1.0|	-8632.2|	-135.3|	4.1|
5- 1|	54096.5|	-683.0|	-0.4|	-39784.6|	-11.5|	45.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-1189.7|	0.0|	0.0|	1189.7|
12- 9|si| 6|	Tz			-259.5|	-5.9|	0.0|	259.7|
5- 1|si| 9|	Ty			-925.0|	0.0|	-5.3|	925.1|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	55064.4|	-1359.2|	0.5|	-39881.1|	16.6|	34.0|
12- 9|	12296.8|	3938.7|	-1.0|	-8632.2|	-135.3|	-4.0|
5- 1|	55068.2|	-405.5|	-0.4|	-39784.6|	-11.5|	35.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-1199.2|	0.0|	0.0|	1199.2|
12- 9|si| 5|	Tz			-246.5|	-5.9|	0.0|	246.7|
5- 1|si| 9|	Ty			-924.8|	0.0|	-4.1|	924.9|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	55757.6|	-1760.3|	0.5|	-39881.1|	16.6|	23.4|
12- 9|	12101.1|	7202.6|	-1.0|	-8632.2|	-135.3|	-12.2|
7- 2|	10759.1|	-659.0|	2.4|	-8209.2|	10.3|	-26.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-1207.5|	0.0|	0.0|	1207.5|
12- 9|si| 5|	Tz			-236.3|	-6.1|	0.0|	236.6|
7- 2|si| 9|	Ty			-191.2|	0.0|	3.1|	191.3|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	56195.5|	-2161.5|	0.5|	-39881.1|	16.6|	12.9|
12- 9|	11709.0|	10466.5|	-1.0|	-8632.2|	-135.3|	-20.3|
7- 2|	10005.3|	-907.9|	2.4|	-8209.2|	10.3|	-36.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-1214.6|	0.0|	0.0|	1214.6|
12- 9|si| 5|	Tz			-225.3|	-6.3|	0.0|	225.6|
7- 2|si| 9|	Ty			-191.4|	0.0|	4.3|	191.5|

VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -39881.1|Mzeq = 56195.5|Myeq = -1621.1|Ss = -1497.1 (0.572)

P_HEB140_S006 (6) stato limite ultimo - ASTA (707- 710) 1170
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	45168.4|	5672.3|	-81.9|	-37649.4|	51.9|	81.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx	Si			-1156.4|	0.0|	0.0|	1156.4|
6- 1|si| 5|	Tz			-1068.2|	10.0|	0.0|	1068.3|
6- 1|si| 9|	Ty			-871.3|	0.0|	-13.0|	871.6|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	47015.9|	4419.1|	-81.9|	-37649.4|	51.9|	71.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx	Si			-1149.0|	0.0|	0.0|	1149.0|
6- 1|si| 5|	Tz			-1080.3|	9.8|	0.0|	1080.4|

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	-872.1|	0.0|	-11.7|	872.4|					48.
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	48607.9|	3165.9|	-81.9|	-37649.4|	51.9|	60.7|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 2|Sx	Si	-1140.4|	0.0|	0.0|	1140.4|					
| 6- 1|si| 5|	Tz	-1091.2|	9.5|	0.0|	1091.3|					
| 6- 1|si| 9|	Ty	-872.9|	0.0|	-10.5|	873.1|					
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	49944.5|	1912.7|	-81.9|	-37649.4|	51.9|	50.1|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 2|Sx	Si	-1130.6|	0.0|	0.0|	1130.6|					
| 6- 1|si| 5|	Tz	-1100.9|	9.3|	0.0|	1101.0|					
| 6- 1|si| 9|	Ty	-873.7|	0.0|	-9.3|	873.9|					
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	51025.7|	659.5|	-81.9|	-37649.4|	51.9|	39.5|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 2|Sx	Si	-1119.7|	0.0|	0.0|	1119.7|					
| 6- 1|si| 5|	Tz	-1109.4|	9.1|	0.0|	1109.5|					
| 6- 1|si| 9|	Ty	-874.5|	0.0|	-8.1|	874.6|					
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	51851.5|	-593.7|	-81.9|	-37649.4|	51.9|	28.9|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1122.7|	0.0|	0.0|	1122.7|					
| 6- 1|si| 5|	Tz	-1116.8|	8.8|	0.0|	1116.9|					
| 6- 1|si| 9|	Ty	-875.3|	0.0|	-6.8|	875.4|					
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	52421.9|	-1846.9|	-81.9|	-37649.4|	51.9|	18.4|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1141.3|	0.0|	0.0|	1141.3|					
| 6- 1|si| 5|	Tz	-1123.0|	8.6|	0.0|	1123.1|					
| 6- 1|si| 9|	Ty	-876.1|	0.0|	-5.6|	876.2|					
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	52736.9|	-3100.1|	-81.9|	-37649.4|	51.9|	7.8|				
| 8- 2|	9897.1|	2032.5|	-14.9|	-7346.0|	-29.1|	-32.8|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1158.7|	0.0|	0.0|	1158.7|					
| 6- 1|si| 5|	Tz	-1127.9|	8.3|	0.0|	1128.0|					
| 8- 2|si| 9|	Ty	-169.4|	0.0|	4.4|	169.6|					
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	52796.5|	-4353.2|	-81.9|	-37649.4|	51.9|	-2.8|				
| 8- 1|	47458.7|	-5805.6|	-73.8|	-34236.1|	68.0|	-7.6|				
| 8- 2|	8978.9|	2733.9|	-14.9|	-7346.0|	-29.1|	-43.4|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1174.9|	0.0|	0.0|	1174.9|					
| 8- 1|si| 6|	Tz	-999.1|	8.4|	0.0|	999.2|					
| 8- 2|si| 9|	Ty	-169.0|	0.0|	5.7|	169.3|					
----- PROGR.										
VERIFICA STABILITA` :										
|L0 =	193.1|									
Z |Lc =	193.1|Ro = 5.93|lm = 32.6|Ncr=	840959.4|	alfa(b) = 0.3400|ki=0.9358|							
Y |Lc =	193.1|Ro = 3.57|lm = 54.0|Ncr=	305877.6|	alfa(c) = 0.4900|ki=0.7723|							
Caso 6- 1 -	Nodo 2 -	Asse Y								
Ned =	-37649.4|Mzeq =	52796.5|Myeq =	4254.2|Ss =	-1450.7 (0.554)						
P_HEB140_S006 (6)	stato limite ultimo	-	ASTA (709- 712)	1172						
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	56194.1|	-2230.3|	-6.3|	-42777.8|	-8.0|	-18.9|				
| 12- 9|	11708.5|	9753.1|	-2.6|	-9369.4|	79.3|	18.0|				
| 7- 2|	10005.0|	-742.0|	-1.4|	-8735.4|	-3.5|	31.7|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1282.8|	0.0|	0.0|	1282.8|					
| 12- 9|si| 5|	Tz	-244.5|	4.0|	0.0|	244.6|					
| 7- 2|si| 9|	Ty	-203.5|	0.0|	-3.7|	203.6|					
----- PROGR.										
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	55611.0|	-2037.1|	-6.3|	-42777.8|	-8.0|	-29.5|				
| 12- 9|	12045.3|	7840.2|	-2.6|	-9369.4|	79.3|	9.9|				
| 5- 1|	55645.6|	-372.9|	-6.2|	-42718.4|	7.8|	-30.1|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1277.6|	0.0|	0.0|	1277.6|					
| 12- 9|si| 5|	Tz	-251.4|	3.8|	0.0|	251.5|					
| 5- 1|si| 9|	Ty	-993.0|	0.0|	3.8|	993.0|					

Copertura area carburante - Relazione di calcolo

----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	54772.5	-1844.0	-6.3	-42777.8	-8.0	-40.0
12- 9	12185.6	5927.3	-2.6	-9369.4	79.3	1.7
5- 1	54792.0	-560.6	-6.2	-42718.4	7.8	-40.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1271.3	0.0	0.0	1271.3
12- 9	si	5	Tz	-257.5	3.6	0.0	257.5	
5- 1	si	9	Ty	-993.1	0.0	5.0	993.2	

----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	53678.6	-1650.9	-6.3	-42777.8	-8.0	-50.6
12- 9	12129.4	4014.4	-2.6	-9369.4	79.3	-6.4
5- 1	53683.1	-748.4	-6.2	-42718.4	7.8	-51.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1263.8	0.0	0.0	1263.8
12- 9	si	6	Tz	-285.2	3.7	0.0	285.3	
5- 1	si	9	Ty	-993.2	0.0	6.2	993.3	

----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	52329.3	-1457.7	-6.3	-42777.8	-8.0	-61.2
12- 9	11876.8	2101.5	-2.6	-9369.4	79.3	-14.5
5- 1	52318.7	-936.1	-6.2	-42718.4	7.8	-61.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1255.1	0.0	0.0	1255.1
12- 9	si	6	Tz	-278.7	3.9	0.0	278.8	
5- 1	si	9	Ty	-993.4	0.0	7.4	993.4	

----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	50724.6	-1264.6	-6.3	-42777.8	-8.0	-71.8
12- 9	11427.8	188.6	-2.6	-9369.4	79.3	-22.7
5- 1	50698.9	-1123.9	-6.2	-42718.4	7.8	-72.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1245.2	0.0	0.0	1245.2
12- 9	si	6	Tz	-271.2	4.1	0.0	271.3	
5- 1	si	9	Ty	-993.5	0.0	8.7	993.6	

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	48823.8	-1311.6	-6.2	-42718.4	7.8	-83.0
12- 9	10782.3	-1724.3	-2.6	-9369.4	79.3	-30.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1235.6	0.0	0.0	1235.6
12- 9	si	6	Tz	-262.8	4.3	0.0	262.9	
5- 1	si	9	Ty	-993.6	0.0	9.9	993.7	

----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	46693.2	-1499.4	-6.2	-42718.4	7.8	-93.6
12- 9	9940.3	-3637.2	-2.6	-9369.4	79.3	-39.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1228.1	0.0	0.0	1228.1
12- 9	si	6	Tz	-253.5	4.4	0.0	253.6	
5- 1	si	9	Ty	-993.7	0.0	11.1	993.9	

----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	44307.2	-1687.1	-6.2	-42718.4	7.8	-104.2
12- 9	8901.8	-5550.1	-2.6	-9369.4	79.3	-47.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1219.5	0.0	0.0	1219.5
12- 9	si	6	Tz	-243.3	4.6	0.0	243.5	
5- 1	si	9	Ty	-993.8	0.0	12.4	994.1	

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -42777.8 |Mzeq = 56194.1 |Myeq = -1895.0 |Ss = -1589.5 (0.607)

P_HEB140_S006 (6) stato limite ultimo - ASTA (710- 713) 1173
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	52797.8	-4368.0	-21.0	-40800.2	-18.5	-9.7
12- 6	10927.8	-11651.2	-6.6	-10461.4	-98.7	24.7
7- 2	9178.6	-1421.1	2.7	-8441.7	-8.5	38.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1248.3	0.0	0.0	1248.3
12- 6	si	6	Tz	-260.9	-5.2	0.0	261.0	
7- 2	si	9	Ty	-197.1	0.0	-4.5	197.2	

----- PROGR. 24.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 52435.1 | -3921.7 | -21.0 | -40800.2 | -18.5 | -20.3 |

Copertura area carburante - Relazione di calcolo

| 12- 6|	11424.8|	-9269.4|	-6.6|	-10461.4|	-98.7|	16.5|
| 5- 1|	52296.9|	-2024.6|	-24.5|	-40494.6|	2.7|	-21.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-1241.0|	0.0|	0.0|	1241.0|
| 12- 6|si| 6| Tz |		-269.9|	-5.0|	0.0|	270.0|
| 5- 1|si| 9| Ty |		-942.4|	0.0|	3.5|	942.4|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	51817.0|	-3475.5|	-21.0|	-40800.2|	-18.5|	-30.9|
| 12- 6|	11725.3|	-6887.6|	-6.6|	-10461.4|	-98.7|	8.4|
| 5- 1|	51660.2|	-2089.3|	-24.5|	-40494.6|	2.7|	-31.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-1232.4|	0.0|	0.0|	1232.4|
| 12- 6|si| 6| Tz |		-278.0|	-4.9|	0.0|	278.1|
| 5- 1|si| 9| Ty |		-942.4|	0.0|	4.7|	942.4|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	50943.4|	-3029.2|	-21.0|	-40800.2|	-18.5|	-41.5|
| 12- 6|	11829.4|	-4505.7|	-6.6|	-10461.4|	-98.7|	0.2|
| 5- 1|	50768.0|	-2154.0|	-24.5|	-40494.6|	2.7|	-42.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-1222.7|	0.0|	0.0|	1222.7|
| 12- 6|si| 6| Tz |		-285.2|	-4.7|	0.0|	285.3|
| 5- 1|si| 9| Ty |		-942.4|	0.0|	5.9|	942.5|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	49814.5|	-2583.0|	-21.0|	-40800.2|	-18.5|	-52.1|
| 12- 6|	11736.9|	-2123.9|	-6.6|	-10461.4|	-98.7|	-7.9|
| 5- 1|	49620.5|	-2218.7|	-24.5|	-40494.6|	2.7|	-52.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-1211.8|	0.0|	0.0|	1211.8|
| 12- 6|si| 5| Tz |		-303.5|	-4.8|	0.0|	303.6|
| 5- 1|si| 9| Ty |		-942.5|	0.0|	7.2|	942.6|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	48430.2|	-2136.7|	-21.0|	-40800.2|	-18.5|	-62.7|
| 12- 6|	11448.1|	257.9|	-6.6|	-10461.4|	-98.7|	-16.0|
| 5- 1|	48217.6|	-2283.4|	-24.5|	-40494.6|	2.7|	-63.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-1199.7|	0.0|	0.0|	1199.7|
| 12- 6|si| 5| Tz |		-295.4|	-5.0|	0.0|	295.5|
| 5- 1|si| 9| Ty |		-942.5|	0.0|	8.4|	942.6|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	46559.3|	-2348.1|	-24.5|	-40494.6|	2.7|	-74.0|
| 12- 6|	10962.7|	2639.7|	-6.6|	-10461.4|	-98.7|	-24.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-1186.6|	0.0|	0.0|	1186.6|
| 12- 6|si| 5| Tz |		-286.4|	-5.2|	0.0|	286.6|
| 5- 1|si| 9| Ty |		-942.6|	0.0|	9.6|	942.7|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	44645.6|	-2412.8|	-24.5|	-40494.6|	2.7|	-84.6|
| 12- 6|	10281.0|	5021.5|	-6.6|	-10461.4|	-98.7|	-32.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-1178.6|	0.0|	0.0|	1178.6|
| 12- 6|si| 5| Tz |		-276.6|	-5.4|	0.0|	276.7|
| 5- 1|si| 9| Ty |		-942.6|	0.0|	10.9|	942.8|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	42476.5|	-2477.5|	-24.5|	-40494.6|	2.7|	-95.2|
| 12- 6|	9402.7|	7403.3|	-6.6|	-10461.4|	-98.7|	-40.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-1169.4|	0.0|	0.0|	1169.4|
| 12- 6|si| 5| Tz |		-265.8|	-5.6|	0.0|	266.0|
| 5- 1|si| 9| Ty |		-942.7|	0.0|	12.1|	942.9|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -40800.2|Mzeq = 52797.8|Myeq = -3357.8|Ss = -1534.1 (0.586)

P_HEB140_S006 (6) stato limite ultimo - ASTA (712- 715) 1175
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	44306.9|	-2449.5|	-7.9|	-42740.7|	-10.2|	105.7|
12-16	8926.7	-6080.0	-2.4	-9397.4	-96.9	46.7

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx	Tz	Ty	Si	
5- 1 si 1 Sx	Si	-1229.7	0.0	0.0	1229.7

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12-16 si 6	Tz		-242.6	-5.4	0.0	242.8					
5- 1 si 9	Ty		-994.8	0.0	-12.6	995.1					
-----							PROGR.	24.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	46728.9|		-2204.3|		-7.9|		-42740.7|		-10.2|		95.1|
| 12-16|	9955.6|		-3743.2|		-2.4|		-9397.4|		-96.9|		38.6|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|			
| 5- 1|si| 1|Sx	Si	|	-1237.8|		0.0|		0.0|		1237.8|		
| 12-16|si| 6|	Tz	|	-253.9|		-5.2|		0.0|		254.1|		
| 5- 1|si| 9|	Ty	|	-994.7|		0.0|		-11.4|		994.9|		
-----							PROGR.	48.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	48895.6|		-1959.0|		-7.9|		-42740.7|		-10.2|		84.5|
| 12-16|	10788.0|		-1406.5|		-2.4|		-9397.4|		-96.9|		30.4|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|			
| 5- 1|si| 1|Sx	Si	|	-1244.7|		0.0|		0.0|		1244.7|		
| 12-16|si| 6|	Tz	|	-264.4|		-5.0|		0.0|		264.5|		
| 5- 1|si| 9|	Ty	|	-994.5|		0.0|		-10.2|		994.7|		
-----							PROGR.	72.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	50809.4|		-1667.8|		-8.6|		-42777.4|		4.0|		73.0|
| 12-16|	11424.0|		930.2|		-2.4|		-9397.4|		-96.9|		22.3|
| 5- 1|	50806.9|		-1713.8|		-7.9|		-42740.7|		-10.2|		73.9|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|			
| 6- 1|si| 1|Sx	Si	|	-1250.7|		0.0|		0.0|		1250.7|		
| 12-16|si| 6|	Tz	|	-273.9|		-4.8|		0.0|		274.1|		
| 5- 1|si| 9|	Ty	|	-994.4|		0.0|		-8.9|		994.5|		
-----							PROGR.	96.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	52442.4|		-1765.3|		-8.6|		-42777.4|		4.0|		62.4|
| 12-16|	11863.5|		3267.0|		-2.4|		-9397.4|		-96.9|		14.1|
| 5- 1|	52462.8|		-1468.6|		-7.9|		-42740.7|		-10.2|		63.3|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|			
| 6- 1|si| 1|Sx	Si	|	-1259.5|		0.0|		0.0|		1259.5|		
| 12-16|si| 6|	Tz	|	-282.5|		-4.6|		0.0|		282.7|		
| 5- 1|si| 9|	Ty	|	-994.2|		0.0|		-7.7|		994.3|		
-----							PROGR.	121.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	53820.1|		-1862.9|		-8.6|		-42777.4|		4.0|		51.8|
| 12-16|	12106.6|		5603.7|		-2.4|		-9397.4|		-96.9|		6.0|
| 5- 1|	53863.3|		-1223.4|		-7.9|		-42740.7|		-10.2|		52.8|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|			
| 6- 1|si| 1|Sx	Si	|	-1267.1|		0.0|		0.0|		1267.1|		
| 12-16|si| 6|	Tz	|	-290.3|		-4.4|		0.0|		290.4|		
| 5- 1|si| 9|	Ty	|	-994.1|		0.0|		-6.5|		994.1|		
-----							PROGR.	145.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	54942.3|		-1960.5|		-8.6|		-42777.4|		4.0|		41.2|
| 12-16|	12153.2|		7940.5|		-2.4|		-9397.4|		-96.9|		-2.1|
| 5- 1|	55008.3|		-978.2|		-7.9|		-42740.7|		-10.2|		42.2|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|			
| 6- 1|si| 1|Sx	Si	|	-1273.6|		0.0|		0.0|		1273.6|		
| 12-16|si| 5|	Tz	|	-252.3|		-4.3|		0.0|		252.4|		
| 5- 1|si| 9|	Ty	|	-993.9|		0.0|		-5.2|		993.9|		
-----							PROGR.	169.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	55809.2|		-2058.0|		-8.6|		-42777.4|		4.0|		30.6|
| 12-16|	12003.3|		10277.2|		-2.4|		-9397.4|		-96.9|		-10.3|
| 5- 1|	55898.0|		-733.0|		-7.9|		-42740.7|		-10.2|		31.6|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|			
| 6- 1|si| 1|Sx	Si	|	-1278.8|		0.0|		0.0|		1278.8|		
| 12-16|si| 5|	Tz	|	-245.0|		-4.5|		0.0|		245.1|		
| 5- 1|si| 9|	Ty	|	-993.7|		0.0|		-4.0|		993.8|		
-----							PROGR.	193.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	56420.6|		-2155.6|		-8.6|		-42777.4|		4.0|		20.1|
| 12-16|	11657.0|		12613.9|		-2.4|		-9397.4|		-96.9|		-18.4|
| 7- 2|	9903.1|		-201.7|		-3.6|		-8697.6|		0.7|		-32.3|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|			
| 6- 1|si| 1|Sx	Si	|	-1282.9|		0.0|		0.0|		1282.9|		
| 12-16|si| 5|	Tz	|	-236.8|		-4.7|		0.0|		237.0|		
| 7- 2|si| 9|	Ty	|	-202.3|		0.0|		3.9|		202.4|		
-----							PROGR.	0.			
VERIFICA STABILITA` :											
|L0 =	193. |										
Z |Lc =	193. |Ro =	5.93|lm =	32.6|Ncr=	840959.4|alfa(b)=	0.3400|ki=	0.9358|					
Y |Lc =	193. |Ro =	3.57|lm =	54.0|Ncr=	305877.6|alfa(c)=	0.4900|ki=	0.7723|					
Caso 6- 1 - Nodo 1 - Asse Y											
Ned =	-42777.4|Mzeq =	56420.6|Myeq =	-2155.6|Ss =	-1594.5 (	0.609)						
P_HEB140_S006 (6) stato limite ultimo - ASTA (713- 716) 1176											
-----							PROGR.	0.			

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	42477.1	-2774.7	26.9	-36630.8	-24.3	79.2
12-16	8467.6	-8323.2	6.7	-8300.6	-114.9	43.8
6- 1	42745.4	-1327.0	30.5	-36881.0	-7.1	77.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1083.3	0.0	0.0	1083.3
12-16	si	6	Tz		-208.7	-6.4	0.0	208.9
6- 1	si	9	Ty		-857.9	0.0	-10.3	858.1

----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	44259.4	-2187.2	26.9	-36630.8	-24.3	68.6
12-16	9425.8	-5550.9	6.7	-8300.6	-114.9	35.6
6- 1	44497.8	-1155.8	30.5	-36881.0	-7.1	67.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1084.1	0.0	0.0	1084.1
12-16	si	6	Tz		-220.9	-6.2	0.0	221.2
6- 1	si	9	Ty		-857.8	0.0	-9.1	858.0

----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45786.2	-1599.8	26.9	-36630.8	-24.3	58.0
12-16	10187.5	-2778.6	6.7	-8300.6	-114.9	27.5
6- 1	45994.8	-984.6	30.5	-36881.0	-7.1	56.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1083.7	0.0	0.0	1083.7
12-16	si	6	Tz		-232.3	-6.0	0.0	232.5
6- 1	si	9	Ty		-857.7	0.0	-7.9	857.8

----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	47236.4	-813.3	30.5	-36881.0	-7.1	46.2
12-16	10752.7	-6.3	6.7	-8300.6	-114.9	19.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1086.2	0.0	0.0	1086.2
12-16	si	6	Tz		-242.7	-5.8	0.0	242.9
6- 1	si	9	Ty		-857.6	0.0	-6.7	857.7

----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	48222.6	-642.1	30.5	-36881.0	-7.1	35.6
12-16	11121.5	2766.0	6.7	-8300.6	-114.9	11.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1088.6	0.0	0.0	1088.6
12-16	si	6	Tz		-252.2	-5.6	0.0	252.4
6- 1	si	9	Ty		-857.5	0.0	-5.4	857.6

----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	48953.4	-470.9	30.5	-36881.0	-7.1	25.0
12-16	11293.8	5538.3	6.7	-8300.6	-114.9	3.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1089.8	0.0	0.0	1089.8
12-16	si	6	Tz		-260.8	-5.4	0.0	261.0
6- 1	si	9	Ty		-857.4	0.0	-4.2	857.4

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	49428.8	-299.6	30.5	-36881.0	-7.1	14.4
12- 3	11109.2	-7838.3	8.9	-8891.3	106.6	-17.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1089.8	0.0	0.0	1089.8
12- 3	si	6	Tz		-236.0	5.6	0.0	236.2
6- 1	si	9	Ty		-857.3	0.0	-3.0	857.3

----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	49589.6	1337.4	26.9	-36630.8	-24.3	5.1
12- 3	10601.7	-10409.6	8.9	-8891.3	106.6	-25.1
7- 2	9393.4	125.1	10.8	-8080.8	-2.2	-30.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-1098.0	0.0	0.0	1098.0
12- 3	si	6	Tz		-226.4	5.7	0.0	226.6
7- 2	si	9	Ty		-187.7	0.0	4.0	187.8

----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	49584.0	1924.8	26.9	-36630.8	-24.3	-5.5
12- 3	9897.7	-12980.8	8.9	-8891.3	106.6	-33.3
7- 2	8523.5	179.2	10.8	-8080.8	-2.2	-41.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-1105.4	0.0	0.0	1105.4
12- 3	si	6	Tz		-215.9	5.9	0.0	216.1
7- 2	si	9	Ty		-187.7	0.0	5.3	187.9

 VERIFICA STABILITA' :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |

Copertura area carburante - Relazione di calcolo

Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -36630.8|Mzeq = 49589.6|Myeq = -2081.0|Ss = -1372.5 (0.524)

P_HEB140_S006 (6) stato limite ultimo - ASTA (715- 718) 1178
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	56421.8	-3382.6	-4.3	-40128.5	-66.9	-15.0
12- 1	11609.6	-13552.8	-1.5	-9097.1	-155.5	19.4
7- 2	9903.6	-249.1	-4.0	-8112.3	-9.2	36.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1237.0	0.0	0.0	1237.0
12- 1	si	6	Tz	-227.0	-7.1	0.0	227.3	
7- 2	si	9	Ty	-188.7	0.0	-4.4	188.8	

----- PROGR. 24.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	55933.0	-1769.0	-4.3	-40128.5	-66.9	-25.6
12- 1	11978.2	-9800.7	-1.5	-9097.1	-155.5	11.2
7- 2	10663.2	-27.5	-4.0	-8112.3	-9.2	26.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1214.2	0.0	0.0	1214.2
12- 1	si	6	Tz	-239.3	-7.0	0.0	239.6	
7- 2	si	9	Ty	-188.5	0.0	-3.2	188.6	

----- PROGR. 48.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	55287.9	569.1	-3.0	-40123.2	-46.4	-36.4
12- 1	12150.4	-6048.6	-1.5	-9097.1	-155.5	3.1
6- 1	55188.9	-155.5	-4.3	-40128.5	-66.9	-36.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-1195.8	0.0	0.0	1195.8
12- 1	si	6	Tz	-250.6	-6.8	0.0	250.9	
6- 1	si	9	Ty	-932.7	0.0	4.4	932.7	

----- PROGR. 72.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	54282.1	1689.4	-3.0	-40123.2	-46.4	-47.0
12- 1	12126.1	-2296.5	-1.5	-9097.1	-155.5	-5.1
6- 1	54189.3	1458.0	-4.3	-40128.5	-66.9	-46.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-1205.4	0.0	0.0	1205.4
12- 1	si	5	Tz	-274.0	-6.8	0.0	274.3	
6- 1	si	9	Ty	-931.6	0.0	5.6	931.7	

----- PROGR. 96.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	52934.3	3071.5	-4.3	-40128.5	-66.9	-57.3
12- 1	11905.3	1455.6	-1.5	-9097.1	-155.5	-13.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1216.8	0.0	0.0	1216.8
12- 1	si	5	Tz	-262.4	-7.0	0.0	262.7	
6- 1	si	9	Ty	-930.6	0.0	6.8	930.7	

----- PROGR. 121.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	51423.9	4685.0	-4.3	-40128.5	-66.9	-67.9
12- 1	11488.1	5207.7	-1.5	-9097.1	-155.5	-21.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1230.4	0.0	0.0	1230.4
12- 1	si	5	Tz	-249.9	-7.2	0.0	250.2	
6- 1	si	9	Ty	-929.6	0.0	8.1	929.7	

----- PROGR. 145.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	49658.2	6298.5	-4.3	-40128.5	-66.9	-78.5
12- 1	10874.4	8959.8	-1.5	-9097.1	-155.5	-29.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1242.8	0.0	0.0	1242.8
12- 1	si	5	Tz	-236.5	-7.4	0.0	236.9	
6- 1	si	9	Ty	-928.6	0.0	9.3	928.7	

----- PROGR. 169.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	47637.0	7912.0	-4.3	-40128.5	-66.9	-89.1
12- 1	10064.3	12711.9	-1.5	-9097.1	-155.5	-37.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1254.0	0.0	0.0	1254.0
12- 1	si	5	Tz	-222.2	-7.6	0.0	222.6	
6- 1	si	9	Ty	-927.5	0.0	10.5	927.7	

----- PROGR. 193.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	45360.4	9525.5	-4.3	-40128.5	-66.9	-99.7
12- 1	9057.7	16464.0	-1.5	-9097.1	-155.5	-45.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1264.0	0.0	0.0	1264.0
12- 1	si	5	Tz	-206.9	-7.8	0.0	207.4	
6- 1	si	9	Ty	-926.5	0.0	11.8	926.7	

Copertura area carburante - Relazione di calcolo

Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -34330.0|Mzeq = 49612.9|Myeq = 4545.0|Ss = -1337.8 (0.511)

P_HEB140_S006 (6) stato limite ultimo - ASTA (718- 721) 1181
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	45363.3	9416.6	1.5	-28181.3	73.9	-36.9
12- 1	9058.2	16218.6	1.4	-5202.1	152.2	12.3
5- 1	45424.7	7129.3	3.1	-28076.4	50.2	-37.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-984.9	0.0	0.0	984.9
12- 1	si	5	Tz	-117.1	6.8	0.0	117.7	
5- 1	si	9	Ty	-647.9	0.0	4.5	648.0	
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	44345.4	7635.0	1.5	-28181.3	73.9	-47.5
12- 1	9256.5	12546.8	1.4	-5202.1	152.2	4.1
5- 1	44400.2	5917.2	3.1	-28076.4	50.2	-47.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-957.5	0.0	0.0	957.5
12- 1	si	5	Tz	-128.4	6.7	0.0	128.9	
5- 1	si	9	Ty	-648.7	0.0	5.7	648.8	
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	43072.1	5853.3	1.5	-28181.3	73.9	-58.1
12- 1	9258.4	8874.9	1.4	-5202.1	152.2	-4.0
5- 1	43120.4	4705.0	3.1	-28076.4	50.2	-58.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-928.9	0.0	0.0	928.9
12- 1	si	6	Tz	-188.8	6.6	0.0	189.1	
5- 1	si	9	Ty	-649.5	0.0	6.9	649.6	
 ----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	41543.5	4071.7	1.5	-28181.3	73.9	-68.7
12- 1	9063.8	5203.0	1.4	-5202.1	152.2	-12.1
5- 1	41585.1	3492.8	3.1	-28076.4	50.2	-68.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-899.2	0.0	0.0	899.2
12- 1	si	6	Tz	-177.5	6.8	0.0	177.9	
5- 1	si	9	Ty	-650.3	0.0	8.1	650.4	
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	39759.4	2290.0	1.5	-28181.3	73.9	-79.2
12- 1	8672.7	1531.2	1.4	-5202.1	152.2	-20.3
5- 1	39794.5	2280.6	3.1	-28076.4	50.2	-79.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-868.2	0.0	0.0	868.2
12- 1	si	6	Tz	-165.4	7.0	0.0	165.8	
5- 1	si	9	Ty	-651.0	0.0	9.4	651.2	
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	37748.4	1068.5	3.1	-28076.4	50.2	-90.1
12- 1	8085.1	-2140.7	1.4	-5202.1	152.2	-28.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-840.9	0.0	0.0	840.9
12- 1	si	6	Tz	-152.3	7.2	0.0	152.8	
5- 1	si	9	Ty	-651.8	0.0	10.6	652.1	
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	35425.1	-1273.3	1.5	-28181.3	73.9	-100.4
12- 1	7301.1	-5812.6	1.4	-5202.1	152.2	-36.6
5- 1	35447.0	-143.7	3.1	-28076.4	50.2	-100.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-835.2	0.0	0.0	835.2
12- 1	si	6	Tz	-138.3	7.4	0.0	138.9	
5- 1	si	9	Ty	-652.6	0.0	11.8	652.9	
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	32874.8	-3054.9	1.5	-28181.3	73.9	-111.0
12- 1	6320.7	-9484.4	1.4	-5202.1	152.2	-44.7
5- 1	32890.1	-1355.9	3.1	-28076.4	50.2	-111.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-846.1	0.0	0.0	846.1
12- 1	si	6	Tz	-123.4	7.6	0.0	124.1	
5- 1	si	9	Ty	-653.3	0.0	13.1	653.7	
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	30069.2	-4836.6	1.5	-28181.3	73.9	-121.6
12- 1	5143.8	-13156.3	1.4	-5202.1	152.2	-52.9
5- 1	30077.9	-2568.0	3.1	-28076.4	50.2	-121.9

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-855.8	0.0	855.8
12-1	si	6	Tz		-107.6	7.8	108.5
5-1	si	9	Ty		-654.1	0.0	654.6

 VERIFICA STABILITA` :

L0 = 193.1
 Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -28181.3|Mzeq = 45363.3|Myeq = 7062.5|Ss = -1164.5 (0.445)

P_HEB140_S006 (6) stato limite ultimo - ASTA (719- 722) 1182

 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	41278.6	6331.6	135.3	-26618.5	76.4	-13.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-890.4	0.0	890.4
6-1	si	6	Tz		-827.6	13.4	828.0
6-1	si	9	Ty		-614.6	0.0	614.7

 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	40829.6	4488.0	135.3	-26618.5	76.4	-23.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-864.9	0.0	864.9
6-1	si	6	Tz		-820.4	13.6	820.7
6-1	si	9	Ty		-615.7	0.0	615.9

 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	40125.1	2644.4	135.3	-26618.5	76.4	-34.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-838.1	0.0	838.1
6-1	si	6	Tz		-811.9	13.9	812.3
6-1	si	9	Ty		-616.9	0.0	617.1

 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	39165.3	800.9	135.3	-26618.5	76.4	-45.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-810.2	0.0	810.2
6-1	si	6	Tz		-802.3	14.1	802.6
6-1	si	9	Ty		-618.1	0.0	618.4

 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	37950.1	-1042.7	135.3	-26618.5	76.4	-55.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-807.6	0.0	807.6
6-1	si	6	Tz		-791.4	14.3	791.8
6-1	si	9	Ty		-619.3	0.0	619.6

 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	36479.5	-2886.3	135.3	-26618.5	76.4	-66.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-824.3	0.0	824.3
6-1	si	6	Tz		-779.4	14.6	779.8
6-1	si	9	Ty		-620.4	0.0	620.9

 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	34753.5	-4729.9	135.3	-26618.5	76.4	-76.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-839.8	0.0	839.8
6-1	si	6	Tz		-766.2	14.8	766.7
6-1	si	9	Ty		-621.6	0.0	622.1

 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	32772.1	-6573.4	135.3	-26618.5	76.4	-87.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-854.1	0.0	854.1
6-1	si	6	Tz		-751.9	15.1	752.3
6-1	si	9	Ty		-622.8	0.0	623.4

 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	30535.3	-8417.0	135.3	-26618.5	76.4	-98.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-867.2	0.0	867.2
6-1	si	6	Tz		-736.3	15.3	736.8
6-1	si	9	Ty		-624.0	0.0	624.7

 VERIFICA STABILITA` :

Copertura area carburante - Relazione di calcolo

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6-1 - Nodo 1 - Asse Y
 Ned = -26618.5|Mzeq = 41278.6|Myeq = -6312.8|Ss = -1086.5 (0.415)

P_HEB140_S006 (6) stato limite ultimo - ASTA (721- 724) 1184
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	30072.0	-4166.6	0.0	-15726.7	-21.6	-113.5
5-1	30080.7	-1959.7	0.0	-15643.0	-10.2	-113.5

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-557.8	0.0	0.0	557.8
6-1	|si	5	Tz		-516.5	-3.5	0.0	516.5
5-1	|si	9	Ty		-364.8	0.0	13.2	365.5

 ----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	27206.9	-3645.8	0.0	-15726.7	-21.6	-124.1
5-1	27214.5	-1714.8	0.0	-15643.0	-10.2	-124.1

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-537.9	0.0	0.0	537.9
6-1	|si	5	Tz		-501.8	-3.8	0.0	501.8
5-1	|si	9	Ty		-364.6	0.0	14.4	365.5

 ----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	24086.4	-3125.0	0.0	-15726.7	-21.6	-134.6
5-1	24092.9	-1469.8	0.0	-15643.0	-10.2	-134.7

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-516.8	0.0	0.0	516.8
6-1	|si	5	Tz		-485.8	-4.0	0.0	485.9
5-1	|si	9	Ty		-364.5	0.0	15.6	365.5

 ----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	20710.5	-2604.2	0.0	-15726.7	-21.6	-145.2
5-1	20715.9	-1224.8	0.0	-15643.0	-10.2	-145.3

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-494.6	0.0	0.0	494.6
6-1	|si	5	Tz		-468.7	-4.3	0.0	468.8
5-1	|si	9	Ty		-364.3	0.0	16.9	365.5

 ----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	17079.2	-2083.3	0.0	-15726.7	-21.6	-155.8
5-1	17083.5	-979.9	0.0	-15643.0	-10.2	-155.9

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-471.1	0.0	0.0	471.1
6-1	|si	5	Tz		-450.5	-4.5	0.0	450.5
5-1	|si	9	Ty		-364.2	0.0	18.1	365.5

 ----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13192.5	-1562.5	0.0	-15726.7	-21.6	-166.4
5-1	13195.8	-734.9	0.0	-15643.0	-10.2	-166.4

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-446.5	0.0	0.0	446.5
6-1	|si	5	Tz		-431.0	-4.8	0.0	431.1
5-1	|si	9	Ty		-364.0	0.0	19.3	365.5

 ----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	9050.4	-1041.7	0.0	-15726.7	-21.6	-177.0
5-1	9052.6	-489.9	0.0	-15643.0	-10.2	-177.0

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-420.7	0.0	0.0	420.7
6-1	|si	5	Tz		-410.3	-5.0	0.0	410.4
5-1	|si	9	Ty		-363.8	0.0	20.6	365.6

 ----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	4652.9	-520.8	0.0	-15726.7	-21.6	-187.6
5-1	4654.0	-245.0	0.0	-15643.0	-10.2	-187.6

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-393.7	0.0	0.0	393.7
6-1	|si	5	Tz		-388.5	-5.2	0.0	388.6
5-1	|si	9	Ty		-363.7	0.0	21.8	365.6

 ----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-15726.7	-21.6	-198.2
5-1	0.0	0.0	0.0	-15643.0	-10.2	-198.2

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	3	|Sx		-365.5	0.0	0.0	365.5
6-1	|si	5	Tz		-365.5	-5.5	0.0	365.6
5-1	|si	9	Ty		-363.5	0.0	23.0	365.7
6-1	|si	9	Si		-365.5	0.0	23.0	367.6

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

| L0 = 193. |
 Z | Lc = 193. | Ro = 5.93 | lm = 32.6 | Ncr = 840959.4 | alfa (b) = 0.3400 | ki = 0.9358 |
 Y | Lc = 193. | Ro = 3.57 | lm = 54.0 | Ncr = 305877.6 | alfa (c) = 0.4900 | ki = 0.7723 |
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -15726.7 | Mzeq = 22554.0 | Myeq = -3125.0 | Ss = -621.7 (0.237)

P_HEB140_S006 (6) stato limite ultimo - ASTA (722- 725) 1185
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	30532.7	-8153.5	0.0	-13586.7	-42.2	-115.9
5- 1	30604.3	-5844.1	0.0	-13283.0	-30.3	-116.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-561.0	0.0	0.0	561.0
6- 1	|si	|5	|Tz		-480.2	-4.5	0.0	480.2
5- 1	|si	|9	|Ty		-312.4	0.0	13.5	313.3

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	27610.0	-7134.3	0.0	-13586.7	-42.2	-126.4
5- 1	27672.7	-5113.6	0.0	-13283.0	-30.3	-126.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-534.5	0.0	0.0	534.5
6- 1	|si	|5	|Tz		-463.7	-4.7	0.0	463.8
5- 1	|si	|9	|Ty		-311.9	0.0	14.7	313.0

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	24431.9	-6115.1	0.0	-13586.7	-42.2	-137.0
5- 1	24485.6	-4383.1	0.0	-13283.0	-30.3	-137.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-506.8	0.0	0.0	506.8
6- 1	|si	|5	|Tz		-446.1	-5.0	0.0	446.2
5- 1	|si	|9	|Ty		-311.5	0.0	16.0	312.7

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	20998.4	-5095.9	0.0	-13586.7	-42.2	-147.6
5- 1	21043.2	-3652.6	0.0	-13283.0	-30.3	-148.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-477.9	0.0	0.0	477.9
6- 1	|si	|5	|Tz		-427.4	-5.2	0.0	427.5
5- 1	|si	|9	|Ty		-311.0	0.0	17.2	312.4

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	17309.5	-4076.8	0.0	-13586.7	-42.2	-158.2
5- 1	17345.3	-2922.1	0.0	-13283.0	-30.3	-158.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-447.8	0.0	0.0	447.8
6- 1	|si	|5	|Tz		-407.4	-5.4	0.0	407.5
5- 1	|si	|9	|Ty		-310.6	0.0	18.4	312.2

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	13365.2	-3057.6	0.0	-13586.7	-42.2	-168.8
5- 1	13392.1	-2191.5	0.0	-13283.0	-30.3	-169.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-416.6	0.0	0.0	416.6
6- 1	|si	|5	|Tz		-386.3	-5.7	0.0	386.4
5- 1	|si	|9	|Ty		-310.1	0.0	19.7	311.9

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	9165.6	-2038.4	0.0	-13586.7	-42.2	-179.4
5- 1	9183.5	-1461.0	0.0	-13283.0	-30.3	-179.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-384.2	0.0	0.0	384.2
6- 1	|si	|5	|Tz		-363.9	-5.9	0.0	364.1
5- 1	|si	|9	|Ty		-309.6	0.0	20.9	311.7

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	4710.5	-1019.2	0.0	-13586.7	-42.2	-190.0
5- 1	4719.4	-730.5	0.0	-13283.0	-30.3	-190.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|3	|Sx	Si	-350.5	0.0	0.0	350.5
6- 1	|si	|5	|Tz		-340.4	-6.2	0.0	340.6
5- 1	|si	|9	|Ty		-309.2	0.0	22.1	311.5

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-13586.7	-42.2	-200.5
5- 1	0.0	0.0	0.0	-13283.0	-30.3	-200.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|3	|Sx	Si	-315.7	0.0	0.0	315.7
6- 1	|si	|5	|Tz		-315.7	-6.4	0.0	315.9
5- 1	|si	|9	|Ty		-308.7	0.0	23.3	311.3
6- 1	|si	|9	|Si		-315.7	0.0	23.3	318.3

Copertura area carburante - Relazione di calcolo

 VERIFICA STABILITA' :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -13586.7|Mzeq = 22899.5|Myeq = -6115.1|Ss = -598.1 (0.228)

P_IPE80_S008 (8) stato limite ultimo - ASTA (391- 383) 707

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-3576.4|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-3288.2|	0.0|	0.0|
7- 1|	0.0|	0.0|	0.0|	-2644.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si|			-467.1|	0.0|	0.0|	467.1|
8- 1|si| 5| Tz				-429.5|	0.0|	0.0|	429.5|
7- 1|si| 9| Ty				-345.4|	0.0|	0.0|	345.4|

 PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-3575.5|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-3287.3|	0.0|	0.0|
7- 1|	0.0|	0.0|	0.0|	-2644.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|			-467.0|	0.0|	0.0|	467.0|
8- 1|si| 5| Tz				-429.4|	0.0|	0.0|	429.4|
7- 1|si| 9| Ty				-345.3|	0.0|	0.0|	345.3|

 PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-3574.7|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-3286.5|	0.0|	0.0|
7- 1|	0.0|	0.0|	0.0|	-2643.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|			-466.9|	0.0|	0.0|	466.9|
8- 1|si| 5| Tz				-429.3|	0.0|	0.0|	429.3|
7- 1|si| 9| Ty				-345.2|	0.0|	0.0|	345.2|

 PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-3573.8|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-3285.6|	0.0|	0.0|
7- 1|	0.0|	0.0|	0.0|	-2642.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|			-466.8|	0.0|	0.0|	466.8|
8- 1|si| 5| Tz				-429.1|	0.0|	0.0|	429.1|
7- 1|si| 9| Ty				-345.1|	0.0|	0.0|	345.1|

 PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-3573.0|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-3284.8|	0.0|	0.0|
7- 1|	0.0|	0.0|	0.0|	-2641.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|			-466.7|	0.0|	0.0|	466.7|
8- 1|si| 5| Tz				-429.0|	0.0|	0.0|	429.0|
7- 1|si| 9| Ty				-345.0|	0.0|	0.0|	345.0|

 PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-3572.1|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-3283.9|	0.0|	0.0|
7- 1|	0.0|	0.0|	0.0|	-2640.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|			-466.6|	0.0|	0.0|	466.6|
8- 1|si| 5| Tz				-428.9|	0.0|	0.0|	428.9|
7- 1|si| 9| Ty				-344.9|	0.0|	0.0|	344.9|

 PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-3571.3|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-3283.1|	0.0|	0.0|
7- 1|	0.0|	0.0|	0.0|	-2639.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|			-466.5|	0.0|	0.0|	466.5|
8- 1|si| 5| Tz				-428.8|	0.0|	0.0|	428.8|
7- 1|si| 9| Ty				-344.8|	0.0|	0.0|	344.8|

 PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-3570.4|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-3282.2|	0.0|	0.0|
7- 1|	0.0|	0.0|	0.0|	-2638.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|			-466.3|	0.0|	0.0|	466.3|
8- 1|si| 5| Tz				-428.7|	0.0|	0.0|	428.7|
7- 1|si| 9| Ty				-344.7|	0.0|	0.0|	344.7|

 PROGR. 88.

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3569.6 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -3281.3 |      0.0 |      0.0 |
| 7- 1 |      0.0 |      0.0 |      0.0 | -2638.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx |Si| -466.2 |      0.0 |      0.0 | 466.2 |
| 8- 1|si| 5|  Tz |      -428.6 |      0.0 |      0.0 | 428.6 |
| 7- 1|si| 9|  Ty |      -344.6 |      0.0 |      0.0 | 344.6 |

```

VERIFICA STABILITA' :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -3576.4|Mzeq = 0.0|Myeq = 0.0|Ss = -752.3 ( 0.287)

```

```

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 392- 384) 709
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2390.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2029.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -312.2 |      0.0 |      0.0 | 312.2 |
| 5- 1|si| 6|  Tz |      -265.0 |      0.0 |      0.0 | 265.0 |
| 5- 1|si| 9|  Ty |      -265.0 |      0.0 |      0.0 | 265.0 |
----- PROGR. 11.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2389.2 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2028.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -312.1 |      0.0 |      0.0 | 312.1 |
| 5- 1|si| 6|  Tz |      -264.9 |      0.0 |      0.0 | 264.9 |
| 5- 1|si| 9|  Ty |      -264.9 |      0.0 |      0.0 | 264.9 |
----- PROGR. 22.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2388.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2027.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx |Si| -311.9 |      0.0 |      0.0 | 311.9 |
| 5- 1|si| 6|  Tz |      -264.8 |      0.0 |      0.0 | 264.8 |
| 5- 1|si| 9|  Ty |      -264.8 |      0.0 |      0.0 | 264.8 |
----- PROGR. 33.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2387.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2026.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx |Si| -311.8 |      0.0 |      0.0 | 311.8 |
| 5- 1|si| 6|  Tz |      -264.7 |      0.0 |      0.0 | 264.7 |
| 5- 1|si| 9|  Ty |      -264.7 |      0.0 |      0.0 | 264.7 |
----- PROGR. 44.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2386.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2025.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx |Si| -311.7 |      0.0 |      0.0 | 311.7 |
| 5- 1|si| 6|  Tz |      -264.6 |      0.0 |      0.0 | 264.6 |
| 5- 1|si| 9|  Ty |      -264.6 |      0.0 |      0.0 | 264.6 |
----- PROGR. 55.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2385.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2024.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx |Si| -311.6 |      0.0 |      0.0 | 311.6 |
| 5- 1|si| 6|  Tz |      -264.5 |      0.0 |      0.0 | 264.5 |
| 5- 1|si| 9|  Ty |      -264.5 |      0.0 |      0.0 | 264.5 |
----- PROGR. 66.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2384.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2024.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx |Si| -311.5 |      0.0 |      0.0 | 311.5 |
| 5- 1|si| 6|  Tz |      -264.4 |      0.0 |      0.0 | 264.4 |
| 5- 1|si| 9|  Ty |      -264.4 |      0.0 |      0.0 | 264.4 |
----- PROGR. 77.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2384.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2023.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx |Si| -311.4 |      0.0 |      0.0 | 311.4 |
| 5- 1|si| 6|  Tz |      -264.3 |      0.0 |      0.0 | 264.3 |

```

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 9| Ty | -264.3| 0.0| 0.0| 264.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2383.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2022.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si | -311.3| 0.0| 0.0| 311.3|
| 5- 1|si| 6| Tz | -264.1| 0.0| 0.0| 264.1|
| 5- 1|si| 9| Ty | -264.1| 0.0| 0.0| 264.1|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -2390.0|Mzeq = 0.0|Myeq = 0.0|Ss = -502.7 ( 0.192)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 393- 385) 711
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1477.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -890.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 1|Sx Si | -193.0| 0.0| 0.0| 193.0|
| 5- 1|si| 6| Tz | -116.3| 0.0| 0.0| 116.3|
| 5- 1|si| 9| Ty | -116.3| 0.0| 0.0| 116.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1477.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -889.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 1|Sx Si | -192.9| 0.0| 0.0| 192.9|
| 5- 1|si| 6| Tz | -116.2| 0.0| 0.0| 116.2|
| 5- 1|si| 9| Ty | -116.2| 0.0| 0.0| 116.2|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1476.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -888.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 1|Sx Si | -192.9| 0.0| 0.0| 192.9|
| 5- 1|si| 6| Tz | -116.0| 0.0| 0.0| 116.0|
| 5- 1|si| 9| Ty | -116.0| 0.0| 0.0| 116.0|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1476.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -887.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 1|Sx Si | -192.8| 0.0| 0.0| 192.8|
| 5- 1|si| 6| Tz | -115.9| 0.0| 0.0| 115.9|
| 5- 1|si| 9| Ty | -115.9| 0.0| 0.0| 115.9|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1475.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -886.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 1|Sx Si | -192.7| 0.0| 0.0| 192.7|
| 5- 1|si| 6| Tz | -115.8| 0.0| 0.0| 115.8|
| 5- 1|si| 9| Ty | -115.8| 0.0| 0.0| 115.8|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1474.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -885.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 1|Sx Si | -192.6| 0.0| 0.0| 192.6|
| 5- 1|si| 6| Tz | -115.7| 0.0| 0.0| 115.7|
| 5- 1|si| 9| Ty | -115.7| 0.0| 0.0| 115.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1474.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -885.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 4|Sx Si | -192.5| 0.0| 0.0| 192.5|
| 5- 1|si| 6| Tz | -115.6| 0.0| 0.0| 115.6|
| 5- 1|si| 9| Ty | -115.6| 0.0| 0.0| 115.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1473.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -884.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 4|Sx Si | -192.4| 0.0| 0.0| 192.4|

```

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 6| Tz | -115.5| 0.0| 0.0| 115.5|
| 5- 1|si| 9| Ty | -115.5| 0.0| 0.0| 115.5|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 0.0| 0.0| 0.0| -1472.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -883.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-13|si| 4|Sx Si| -192.3| 0.0| 0.0| 192.3|
| 5- 1|si| 6| Tz | -115.4| 0.0| 0.0| 115.4|
| 5- 1|si| 9| Ty | -115.4| 0.0| 0.0| 115.4|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Casol1-13 - Nodo 1 - Asse Y
Ned = -1477.9|Mzeq = 0.0|Myeq = 0.0|Ss = -310.9 ( 0.119)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 395- 387) 715
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -2571.6| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -826.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2163.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx Si| -335.9| 0.0| 0.0| 335.9|
| 12- 1|si| 5| Tz | -107.9| 0.0| 0.0| 107.9|
| 6- 1|si| 9| Ty | -282.6| 0.0| 0.0| 282.6|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -2570.7| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -825.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2162.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx Si| -335.8| 0.0| 0.0| 335.8|
| 12- 1|si| 5| Tz | -107.9| 0.0| 0.0| 107.9|
| 6- 1|si| 9| Ty | -282.5| 0.0| 0.0| 282.5|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -2569.9| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -825.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2161.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx Si| -335.7| 0.0| 0.0| 335.7|
| 12- 1|si| 5| Tz | -107.8| 0.0| 0.0| 107.8|
| 6- 1|si| 9| Ty | -282.4| 0.0| 0.0| 282.4|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -2569.0| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -824.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2161.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx Si| -335.5| 0.0| 0.0| 335.5|
| 12- 1|si| 5| Tz | -107.7| 0.0| 0.0| 107.7|
| 6- 1|si| 9| Ty | -282.3| 0.0| 0.0| 282.3|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -2568.2| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -823.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2160.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx Si| -335.4| 0.0| 0.0| 335.4|
| 12- 1|si| 5| Tz | -107.6| 0.0| 0.0| 107.6|
| 6- 1|si| 9| Ty | -282.1| 0.0| 0.0| 282.1|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -2567.3| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -823.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2159.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx Si| -335.3| 0.0| 0.0| 335.3|
| 12- 1|si| 5| Tz | -107.5| 0.0| 0.0| 107.5|
| 6- 1|si| 9| Ty | -282.0| 0.0| 0.0| 282.0|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -2566.4| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -822.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2158.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx Si| -335.2| 0.0| 0.0| 335.2|
| 12- 1|si| 5| Tz | -107.4| 0.0| 0.0| 107.4|
| 6- 1|si| 9| Ty | -281.9| 0.0| 0.0| 281.9|

```

Copertura area carburante - Relazione di calcolo

```

----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2565.6 | 0.0 | 0.0 |
| 12- 1 | 0.0 | 0.0 | 0.0 | -821.8 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2157.6 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx | Si | -335.1 | 0.0 | 0.0 | 335.1 |
| 12- 1|si| 5 | Tz | -107.3 | 0.0 | 0.0 | 107.3 |
| 6- 1|si| 9 | Ty | -281.8 | 0.0 | 0.0 | 281.8 |
----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2564.7 | 0.0 | 0.0 |
| 12- 1 | 0.0 | 0.0 | 0.0 | -821.2 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2156.8 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx | Si | -335.0 | 0.0 | 0.0 | 335.0 |
| 12- 1|si| 5 | Tz | -107.3 | 0.0 | 0.0 | 107.3 |
| 6- 1|si| 9 | Ty | -281.7 | 0.0 | 0.0 | 281.7 |
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 7- 1 - Nodo 1 - Asse Y
Ned = -2571.6 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -540.9 ( 0.207)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 396- 388) 717
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -3670.5 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -3009.1 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -3306.7 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -479.4 | 0.0 | 0.0 | 479.4 |
| 8- 1|si| 5 | Tz | -393.0 | 0.0 | 0.0 | 393.0 |
| 6- 1|si| 9 | Ty | -431.9 | 0.0 | 0.0 | 431.9 |
----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -3669.6 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -3008.2 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -3305.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -479.3 | 0.0 | 0.0 | 479.3 |
| 8- 1|si| 5 | Tz | -392.9 | 0.0 | 0.0 | 392.9 |
| 6- 1|si| 9 | Ty | -431.8 | 0.0 | 0.0 | 431.8 |
----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -3668.8 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -3007.4 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -3305.0 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -479.2 | 0.0 | 0.0 | 479.2 |
| 8- 1|si| 5 | Tz | -392.8 | 0.0 | 0.0 | 392.8 |
| 6- 1|si| 9 | Ty | -431.7 | 0.0 | 0.0 | 431.7 |
----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -3667.9 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -3006.5 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -3304.2 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -479.1 | 0.0 | 0.0 | 479.1 |
| 8- 1|si| 5 | Tz | -392.7 | 0.0 | 0.0 | 392.7 |
| 6- 1|si| 9 | Ty | -431.6 | 0.0 | 0.0 | 431.6 |
----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -3667.1 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -3005.7 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -3303.3 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -479.0 | 0.0 | 0.0 | 479.0 |
| 8- 1|si| 5 | Tz | -392.6 | 0.0 | 0.0 | 392.6 |
| 6- 1|si| 9 | Ty | -431.5 | 0.0 | 0.0 | 431.5 |
----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -3666.2 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -3004.8 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -3302.4 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -478.9 | 0.0 | 0.0 | 478.9 |
| 8- 1|si| 5 | Tz | -392.5 | 0.0 | 0.0 | 392.5 |
| 6- 1|si| 9 | Ty | -431.3 | 0.0 | 0.0 | 431.3 |
----- PROGR. 66.

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Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3665.4 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -3003.9 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3301.6 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -478.7 |      0.0 |      0.0 | 478.7 |
| 8- 1|si| 5| Tz | -392.4 |      0.0 |      0.0 | 392.4 |
| 6- 1|si| 9| Ty | -431.2 |      0.0 |      0.0 | 431.2 |
-----
PROGR.      77.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3664.5 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -3003.1 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3300.7 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -478.6 |      0.0 |      0.0 | 478.6 |
| 8- 1|si| 5| Tz | -392.2 |      0.0 |      0.0 | 392.2 |
| 6- 1|si| 9| Ty | -431.1 |      0.0 |      0.0 | 431.1 |
-----
PROGR.      88.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3663.7 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -3002.2 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3299.9 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -478.5 |      0.0 |      0.0 | 478.5 |
| 8- 1|si| 5| Tz | -392.1 |      0.0 |      0.0 | 392.1 |
| 6- 1|si| 9| Ty | -431.0 |      0.0 |      0.0 | 431.0 |
-----
PROGR.      88.

VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -3670.5 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -772.1 ( 0.295)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 397- 389) 719
-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4848.2 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -4069.6 |      0.0 |      0.0 |
| 11-13 |      0.0 |      0.0 |      0.0 | -75.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -633.2 |      0.0 |      0.0 | 633.2 |
| 8- 1|si| 6| Tz | -531.5 |      0.0 |      0.0 | 531.5 |
| 11-13|si| 9| Ty | -9.8 |      0.0 |      0.0 | 9.8 |
-----
PROGR.      11.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4847.3 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -4068.7 |      0.0 |      0.0 |
| 11-13 |      0.0 |      0.0 |      0.0 | -74.6 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -633.1 |      0.0 |      0.0 | 633.1 |
| 8- 1|si| 6| Tz | -531.4 |      0.0 |      0.0 | 531.4 |
| 11-13|si| 9| Ty | -9.7 |      0.0 |      0.0 | 9.7 |
-----
PROGR.      22.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4846.5 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -4067.9 |      0.0 |      0.0 |
| 11-13 |      0.0 |      0.0 |      0.0 | -74.0 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -633.0 |      0.0 |      0.0 | 633.0 |
| 8- 1|si| 6| Tz | -531.3 |      0.0 |      0.0 | 531.3 |
| 11-13|si| 9| Ty | -9.7 |      0.0 |      0.0 | 9.7 |
-----
PROGR.      33.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4845.6 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -4067.0 |      0.0 |      0.0 |
| 11-13 |      0.0 |      0.0 |      0.0 | -73.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -632.9 |      0.0 |      0.0 | 632.9 |
| 8- 1|si| 6| Tz | -531.2 |      0.0 |      0.0 | 531.2 |
| 11-13|si| 9| Ty | -9.6 |      0.0 |      0.0 | 9.6 |
-----
PROGR.      44.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4844.8 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -4066.2 |      0.0 |      0.0 |
| 11-13 |      0.0 |      0.0 |      0.0 | -72.7 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -632.8 |      0.0 |      0.0 | 632.8 |
| 8- 1|si| 6| Tz | -531.1 |      0.0 |      0.0 | 531.1 |
| 11-13|si| 9| Ty | -9.5 |      0.0 |      0.0 | 9.5 |
-----
PROGR.      55.

SOLLECITAZIONI      :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-4843.9	0.0	0.0
8- 1|	0.0|	0.0|	0.0|	-4065.3|	0.0|	0.0|
11-13|	0.0|	0.0|	0.0|	-72.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx	Si|	-632.7|	0.0|	0.0|	632.7|
8- 1|si| 6| Tz		-531.0|	0.0|	0.0|	531.0|
11-13|si| 9| Ty		-9.4|	0.0|	0.0|	9.4|

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-4843.1|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-4064.5|	0.0|	0.0|
11-13|	0.0|	0.0|	0.0|	-71.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx	Si|	-632.6|	0.0|	0.0|	632.6|
8- 1|si| 6| Tz		-530.9|	0.0|	0.0|	530.9|
11-13|si| 9| Ty		-9.3|	0.0|	0.0|	9.3|

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-4842.2|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-4063.6|	0.0|	0.0|
11-13|	0.0|	0.0|	0.0|	-70.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx	Si|	-632.5|	0.0|	0.0|	632.5|
8- 1|si| 6| Tz		-530.8|	0.0|	0.0|	530.8|
11-13|si| 9| Ty		-9.2|	0.0|	0.0|	9.2|

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-4841.4|	0.0|	0.0|
8- 1|	0.0|	0.0|	0.0|	-4062.8|	0.0|	0.0|
11-13|	0.0|	0.0|	0.0|	-70.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx	Si|	-632.3|	0.0|	0.0|	632.3|
8- 1|si| 6| Tz		-530.6|	0.0|	0.0|	530.6|
11-13|si| 9| Ty		-9.1|	0.0|	0.0|	9.1|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -4848.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1019.8 (0.389)

P_IPE80_S008 (8) stato limite ultimo - ASTA (728- 703) 1205
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-7896.8|	0.0|	0.0|
5- 1|	0.0|	0.0|	0.0|	-7894.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si|	-1031.4|	0.0|	0.0|	1031.4|
6- 1|si| 6| Tz		-1031.4|	0.0|	0.0|	1031.4|
5- 1|si| 9| Ty		-1031.1|	0.0|	0.0|	1031.1|

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-7895.9|	0.0|	0.0|
5- 1|	0.0|	0.0|	0.0|	-7893.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|	-1031.3|	0.0|	0.0|	1031.3|
6- 1|si| 6| Tz		-1031.3|	0.0|	0.0|	1031.3|
5- 1|si| 9| Ty		-1031.0|	0.0|	0.0|	1031.0|

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-7895.0|	0.0|	0.0|
5- 1|	0.0|	0.0|	0.0|	-7892.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si|	-1031.2|	0.0|	0.0|	1031.2|
6- 1|si| 6| Tz		-1031.2|	0.0|	0.0|	1031.2|
5- 1|si| 9| Ty		-1030.9|	0.0|	0.0|	1030.9|

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-7894.2|	0.0|	0.0|
5- 1|	0.0|	0.0|	0.0|	-7892.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx	Si|	-1031.1|	0.0|	0.0|	1031.1|
6- 1|si| 6| Tz		-1031.1|	0.0|	0.0|	1031.1|
5- 1|si| 9| Ty		-1030.8|	0.0|	0.0|	1030.8|

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7893.3	0.0	0.0
5- 1	0.0	0.0	0.0	-7891.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

6- 1 si 4 Sx	Si	-1031.0	0.0	0.0	1031.0			
| 6- 1|si| 6| Tz		-1031.0|	0.0|	0.0|	1031.0|			
| 5- 1|si| 9| Ty		-1030.7|	0.0|	0.0|	1030.7|			
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-7892.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-7890.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-1030.9|	0.0|	0.0|	1030.9|			
| 6- 1|si| 6| Tz		-1030.9|	0.0|	0.0|	1030.9|			
| 5- 1|si| 9| Ty		-1030.6|	0.0|	0.0|	1030.6|			
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-7891.6|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-7889.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-1030.7|	0.0|	0.0|	1030.7|			
| 6- 1|si| 6| Tz		-1030.7|	0.0|	0.0|	1030.7|			
| 5- 1|si| 9| Ty		-1030.5|	0.0|	0.0|	1030.5|			
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-7890.8|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-7888.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-1030.6|	0.0|	0.0|	1030.6|			
| 6- 1|si| 6| Tz		-1030.6|	0.0|	0.0|	1030.6|			
| 5- 1|si| 9| Ty		-1030.4|	0.0|	0.0|	1030.4|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-7889.9|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-7887.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-1030.5|	0.0|	0.0|	1030.5|			
| 6- 1|si| 6| Tz		-1030.5|	0.0|	0.0|	1030.5|			
| 5- 1|si| 9| Ty		-1030.2|	0.0|	0.0|	1030.2|			

VERIFICA STABILITA` :								
|L0 = 88. |								
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|								
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|								
Caso 6- 1 - Nodo 4 - Asse Y								
Ned = -7896.8|Mzeq = 0.0|Myeq = 0.0|Ss = -1661.0 (0.634)								
P_IPE80_S008 (8) stato limite ultimo - ASTA (730- 704) 1206								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-8522.1|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-8468.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-1113.1|	0.0|	0.0|	1113.1|			
| 6- 1|si| 6| Tz		-1113.1|	0.0|	0.0|	1113.1|			
| 5- 1|si| 9| Ty		-1106.1|	0.0|	0.0|	1106.1|			
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-8521.3|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-8467.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	-1113.0|	0.0|	0.0|	1113.0|			
| 6- 1|si| 6| Tz		-1113.0|	0.0|	0.0|	1113.0|			
| 5- 1|si| 9| Ty		-1106.0|	0.0|	0.0|	1106.0|			
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-8520.4|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-8466.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	-1112.9|	0.0|	0.0|	1112.9|			
| 6- 1|si| 6| Tz		-1112.9|	0.0|	0.0|	1112.9|			
| 5- 1|si| 9| Ty		-1105.9|	0.0|	0.0|	1105.9|			
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-8519.6|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-8465.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	-1112.8|	0.0|	0.0|	1112.8|			
| 6- 1|si| 6| Tz		-1112.8|	0.0|	0.0|	1112.8|			
| 5- 1|si| 9| Ty		-1105.7|	0.0|	0.0|	1105.7|			
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-8518.7|	0.0|	0.0|		
5- 1	0.0	0.0	0.0	-8465.0	0.0	0.0		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -1112.6| 0.0| 0.0| 1112.6|
| 6- 1|si| 6| Tz | -1112.6| 0.0| 0.0| 1112.6|
| 5- 1|si| 9| Ty | -1105.6| 0.0| 0.0| 1105.6|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -8517.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -8464.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -1112.5| 0.0| 0.0| 1112.5|
| 6- 1|si| 6| Tz | -1112.5| 0.0| 0.0| 1112.5|
| 5- 1|si| 9| Ty | -1105.5| 0.0| 0.0| 1105.5|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -8517.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -8463.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -1112.4| 0.0| 0.0| 1112.4|
| 6- 1|si| 6| Tz | -1112.4| 0.0| 0.0| 1112.4|
| 5- 1|si| 9| Ty | -1105.4| 0.0| 0.0| 1105.4|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -8516.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -8462.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -1112.3| 0.0| 0.0| 1112.3|
| 6- 1|si| 6| Tz | -1112.3| 0.0| 0.0| 1112.3|
| 5- 1|si| 9| Ty | -1105.3| 0.0| 0.0| 1105.3|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -8515.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -8461.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -1112.2| 0.0| 0.0| 1112.2|
| 6- 1|si| 6| Tz | -1112.2| 0.0| 0.0| 1112.2|
| 5- 1|si| 9| Ty | -1105.2| 0.0| 0.0| 1105.2|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -8522.1|Mzeq = 0.0|Myeq = 0.0|Ss = -1792.6 ( 0.684)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 729- 706) 1211
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5705.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -745.2| 0.0| 0.0| 745.2|
| 5- 1|si| 6| Tz | -745.2| 0.0| 0.0| 745.2|
| 5- 1|si| 9| Ty | -745.2| 0.0| 0.0| 745.2|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5704.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -745.1| 0.0| 0.0| 745.1|
| 5- 1|si| 6| Tz | -745.1| 0.0| 0.0| 745.1|
| 5- 1|si| 9| Ty | -745.1| 0.0| 0.0| 745.1|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5703.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -745.0| 0.0| 0.0| 745.0|
| 5- 1|si| 6| Tz | -745.0| 0.0| 0.0| 745.0|
| 5- 1|si| 9| Ty | -745.0| 0.0| 0.0| 745.0|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5702.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -744.9| 0.0| 0.0| 744.9|
| 5- 1|si| 6| Tz | -744.9| 0.0| 0.0| 744.9|
| 5- 1|si| 9| Ty | -744.9| 0.0| 0.0| 744.9|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5702.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -744.8| 0.0| 0.0| 744.8|
| 5- 1|si| 6| Tz | -744.8| 0.0| 0.0| 744.8|
| 5- 1|si| 9| Ty | -744.8| 0.0| 0.0| 744.8|

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Copertura area carburante - Relazione di calcolo

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----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5701.2 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -744.7 | 0.0 | 0.0 | 744.7 |
| 5- 1|si| 6 | Tz | -744.7 | 0.0 | 0.0 | 744.7 |
| 5- 1|si| 9 | Ty | -744.7 | 0.0 | 0.0 | 744.7 |
----- PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5700.4 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -744.5 | 0.0 | 0.0 | 744.5 |
| 5- 1|si| 6 | Tz | -744.5 | 0.0 | 0.0 | 744.5 |
| 5- 1|si| 9 | Ty | -744.5 | 0.0 | 0.0 | 744.5 |
----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5699.5 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -744.4 | 0.0 | 0.0 | 744.4 |
| 5- 1|si| 6 | Tz | -744.4 | 0.0 | 0.0 | 744.4 |
| 5- 1|si| 9 | Ty | -744.4 | 0.0 | 0.0 | 744.4 |
----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5698.7 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -744.3 | 0.0 | 0.0 | 744.3 |
| 5- 1|si| 6 | Tz | -744.3 | 0.0 | 0.0 | 744.3 |
| 5- 1|si| 9 | Ty | -744.3 | 0.0 | 0.0 | 744.3 |
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -5705.5 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1200.1 ( 0.458)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 731- 707) 1212
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6084.7 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -6030.5 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -794.7 | 0.0 | 0.0 | 794.7 |
| 5- 1|si| 6 | Tz | -787.7 | 0.0 | 0.0 | 787.7 |
| 5- 1|si| 9 | Ty | -787.7 | 0.0 | 0.0 | 787.7 |
----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6083.9 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -6029.6 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -794.6 | 0.0 | 0.0 | 794.6 |
| 5- 1|si| 6 | Tz | -787.5 | 0.0 | 0.0 | 787.5 |
| 5- 1|si| 9 | Ty | -787.5 | 0.0 | 0.0 | 787.5 |
----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6083.0 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -6028.8 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -794.5 | 0.0 | 0.0 | 794.5 |
| 5- 1|si| 6 | Tz | -787.4 | 0.0 | 0.0 | 787.4 |
| 5- 1|si| 9 | Ty | -787.4 | 0.0 | 0.0 | 787.4 |
----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6082.2 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -6027.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -794.4 | 0.0 | 0.0 | 794.4 |
| 5- 1|si| 6 | Tz | -787.3 | 0.0 | 0.0 | 787.3 |
| 5- 1|si| 9 | Ty | -787.3 | 0.0 | 0.0 | 787.3 |
----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6081.3 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -6027.1 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -794.3 | 0.0 | 0.0 | 794.3 |
| 5- 1|si| 6 | Tz | -787.2 | 0.0 | 0.0 | 787.2 |
| 5- 1|si| 9 | Ty | -787.2 | 0.0 | 0.0 | 787.2 |
----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

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| 6- 1|      0.0|      0.0|      0.0| -6080.5|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -6026.2|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -794.2| 0.0| 0.0| 794.2|
| 5- 1|si| 6| Tz | | -787.1| 0.0| 0.0| 787.1|
| 5- 1|si| 9| Ty | | -787.1| 0.0| 0.0| 787.1|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6079.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6025.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -794.1| 0.0| 0.0| 794.1|
| 5- 1|si| 6| Tz | | -787.0| 0.0| 0.0| 787.0|
| 5- 1|si| 9| Ty | | -787.0| 0.0| 0.0| 787.0|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6078.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6024.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -794.0| 0.0| 0.0| 794.0|
| 5- 1|si| 6| Tz | | -786.9| 0.0| 0.0| 786.9|
| 5- 1|si| 9| Ty | | -786.9| 0.0| 0.0| 786.9|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6077.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6023.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -793.8| 0.0| 0.0| 793.8|
| 5- 1|si| 6| Tz | | -786.8| 0.0| 0.0| 786.8|
| 5- 1|si| 9| Ty | | -786.8| 0.0| 0.0| 786.8|
-----
VERIFICA STABILITA` :
|LO = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -6084.7|Mzeq = 0.0|Myeq = 0.0|Ss = -1279.9 ( 0.489)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 733- 709) 1217
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3457.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3454.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -451.6| 0.0| 0.0| 451.6|
| 6- 1|si| 6| Tz | | -451.1| 0.0| 0.0| 451.1|
| 5- 1|si| 9| Ty | | -451.6| 0.0| 0.0| 451.6|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3456.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3453.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -451.5| 0.0| 0.0| 451.5|
| 6- 1|si| 6| Tz | | -451.0| 0.0| 0.0| 451.0|
| 5- 1|si| 9| Ty | | -451.5| 0.0| 0.0| 451.5|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3455.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3452.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -451.3| 0.0| 0.0| 451.3|
| 6- 1|si| 6| Tz | | -450.9| 0.0| 0.0| 450.9|
| 5- 1|si| 9| Ty | | -451.3| 0.0| 0.0| 451.3|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3454.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3451.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -451.2| 0.0| 0.0| 451.2|
| 6- 1|si| 6| Tz | | -450.8| 0.0| 0.0| 450.8|
| 5- 1|si| 9| Ty | | -451.2| 0.0| 0.0| 451.2|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3453.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3450.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -451.1| 0.0| 0.0| 451.1|
| 6- 1|si| 6| Tz | | -450.7| 0.0| 0.0| 450.7|
| 5- 1|si| 9| Ty | | -451.1| 0.0| 0.0| 451.1|
-----
PROGR. 55.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

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| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3453.1 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3449.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si | -451.0 |      0.0 |      0.0 | 451.0 |
| 6- 1 |si| 6 |  Tz  | -450.6 |      0.0 |      0.0 | 450.6 |
| 5- 1 |si| 9 |   Ty | -451.0 |      0.0 |      0.0 | 451.0 |
-----

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3452.2 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3448.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si | -450.9 |      0.0 |      0.0 | 450.9 |
| 6- 1 |si| 6 |  Tz  | -450.5 |      0.0 |      0.0 | 450.5 |
| 5- 1 |si| 9 |   Ty | -450.9 |      0.0 |      0.0 | 450.9 |
-----

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3451.4 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3448.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si | -450.8 |      0.0 |      0.0 | 450.8 |
| 6- 1 |si| 6 |  Tz  | -450.4 |      0.0 |      0.0 | 450.4 |
| 5- 1 |si| 9 |   Ty | -450.8 |      0.0 |      0.0 | 450.8 |
-----

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3450.5 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3447.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si | -450.7 |      0.0 |      0.0 | 450.7 |
| 6- 1 |si| 6 |  Tz  | -450.2 |      0.0 |      0.0 | 450.2 |
| 5- 1 |si| 9 |   Ty | -450.7 |      0.0 |      0.0 | 450.7 |
-----

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -3457.3 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -727.2 ( 0.278)

```

```

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 734- 710) 1218
-----

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3651.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3595.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1 |Sx  Si | -476.9 |      0.0 |      0.0 | 476.9 |
| 6- 1 |si| 6 |  Tz  | -476.9 |      0.0 |      0.0 | 476.9 |
| 5- 1 |si| 9 |   Ty | -469.7 |      0.0 |      0.0 | 469.7 |
-----

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3650.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3595.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -476.8 |      0.0 |      0.0 | 476.8 |
| 6- 1 |si| 6 |  Tz  | -476.8 |      0.0 |      0.0 | 476.8 |
| 5- 1 |si| 9 |   Ty | -469.6 |      0.0 |      0.0 | 469.6 |
-----

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3649.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3594.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -476.7 |      0.0 |      0.0 | 476.7 |
| 6- 1 |si| 6 |  Tz  | -476.7 |      0.0 |      0.0 | 476.7 |
| 5- 1 |si| 9 |   Ty | -469.4 |      0.0 |      0.0 | 469.4 |
-----

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3648.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3593.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -476.6 |      0.0 |      0.0 | 476.6 |
| 6- 1 |si| 6 |  Tz  | -476.6 |      0.0 |      0.0 | 476.6 |
| 5- 1 |si| 9 |   Ty | -469.3 |      0.0 |      0.0 | 469.3 |
-----

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3647.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3592.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -476.5 |      0.0 |      0.0 | 476.5 |
| 6- 1 |si| 6 |  Tz  | -476.5 |      0.0 |      0.0 | 476.5 |
| 5- 1 |si| 9 |   Ty | -469.2 |      0.0 |      0.0 | 469.2 |
-----

```

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3647.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3591.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx  |Si| -476.3 |      0.0 |      0.0 | 476.3 |
| 6- 1|si| 6|  Tz | -476.3 |      0.0 |      0.0 | 476.3 |
| 5- 1|si| 9|  Ty | -469.1 |      0.0 |      0.0 | 469.1 |
----- PROGR. 66.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3646.2 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3590.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx  |Si| -476.2 |      0.0 |      0.0 | 476.2 |
| 6- 1|si| 6|  Tz | -476.2 |      0.0 |      0.0 | 476.2 |
| 5- 1|si| 9|  Ty | -469.0 |      0.0 |      0.0 | 469.0 |
----- PROGR. 77.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3645.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3589.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx  |Si| -476.1 |      0.0 |      0.0 | 476.1 |
| 6- 1|si| 6|  Tz | -476.1 |      0.0 |      0.0 | 476.1 |
| 5- 1|si| 9|  Ty | -468.9 |      0.0 |      0.0 | 468.9 |
----- PROGR. 88.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3644.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3589.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx  |Si| -476.0 |      0.0 |      0.0 | 476.0 |
| 6- 1|si| 6|  Tz | -476.0 |      0.0 |      0.0 | 476.0 |
| 5- 1|si| 9|  Ty | -468.8 |      0.0 |      0.0 | 468.8 |
----- PROGR. 88.

VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a )=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b )=0.3400 |ki=0.6209 |
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -3651.3 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -768.0 ( 0.293)

P_IPE80_s008 ( 8) ----- stato limite ultimo - ASTA ( 739- 715) 1229
----- PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3327.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx  |Si| -434.6 |      0.0 |      0.0 | 434.6 |
| 6- 1|si| 5|  Tz | -434.6 |      0.0 |      0.0 | 434.6 |
| 6- 1|si| 9|  Ty | -434.6 |      0.0 |      0.0 | 434.6 |
----- PROGR. 11.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3326.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx  |Si| -434.5 |      0.0 |      0.0 | 434.5 |
| 6- 1|si| 5|  Tz | -434.5 |      0.0 |      0.0 | 434.5 |
| 6- 1|si| 9|  Ty | -434.5 |      0.0 |      0.0 | 434.5 |
----- PROGR. 22.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3325.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx  |Si| -434.4 |      0.0 |      0.0 | 434.4 |
| 6- 1|si| 5|  Tz | -434.4 |      0.0 |      0.0 | 434.4 |
| 6- 1|si| 9|  Ty | -434.4 |      0.0 |      0.0 | 434.4 |
----- PROGR. 33.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3325.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx  |Si| -434.3 |      0.0 |      0.0 | 434.3 |
| 6- 1|si| 5|  Tz | -434.3 |      0.0 |      0.0 | 434.3 |
| 6- 1|si| 9|  Ty | -434.3 |      0.0 |      0.0 | 434.3 |
----- PROGR. 44.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3324.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx  |Si| -434.2 |      0.0 |      0.0 | 434.2 |
| 6- 1|si| 5|  Tz | -434.2 |      0.0 |      0.0 | 434.2 |
| 6- 1|si| 9|  Ty | -434.2 |      0.0 |      0.0 | 434.2 |
----- PROGR. 55.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3323.4 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-434.1	0.0	0.0	434.1
6-1	si	5	Tz	-434.1	0.0	0.0	434.1
6-1	si	9	Ty	-434.1	0.0	0.0	434.1

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3322.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-434.0	0.0	0.0	434.0
6-1	si	5	Tz	-434.0	0.0	0.0	434.0
6-1	si	9	Ty	-434.0	0.0	0.0	434.0

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3321.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-433.8	0.0	0.0	433.8
6-1	si	5	Tz	-433.8	0.0	0.0	433.8
6-1	si	9	Ty	-433.8	0.0	0.0	433.8

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3320.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-433.7	0.0	0.0	433.7
6-1	si	5	Tz	-433.7	0.0	0.0	433.7
6-1	si	9	Ty	-433.7	0.0	0.0	433.7

VERIFICA STABILITA` :

|L0 = 88.1
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 6-1 - Nodo 1 - Asse Y
 Ned = -3327.6 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -699.9 (0.267)

P_IPE80_S008 (8) stato limite ultimo - ASTA (740- 716) 1230
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3460.5	0.0	0.0
6-1	0.0	0.0	0.0	-3405.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-452.0	0.0	0.0	452.0
6-1	si	5	Tz	-444.8	0.0	0.0	444.8
6-1	si	9	Ty	-444.8	0.0	0.0	444.8

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3459.7	0.0	0.0
6-1	0.0	0.0	0.0	-3405.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-451.9	0.0	0.0	451.9
6-1	si	5	Tz	-444.7	0.0	0.0	444.7
6-1	si	9	Ty	-444.7	0.0	0.0	444.7

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3458.8	0.0	0.0
6-1	0.0	0.0	0.0	-3404.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-451.8	0.0	0.0	451.8
6-1	si	5	Tz	-444.6	0.0	0.0	444.6
6-1	si	9	Ty	-444.6	0.0	0.0	444.6

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3458.0	0.0	0.0
6-1	0.0	0.0	0.0	-3403.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-451.7	0.0	0.0	451.7
6-1	si	5	Tz	-444.5	0.0	0.0	444.5
6-1	si	9	Ty	-444.5	0.0	0.0	444.5

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3457.1	0.0	0.0
6-1	0.0	0.0	0.0	-3402.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-451.5	0.0	0.0	451.5
6-1	si	5	Tz	-444.4	0.0	0.0	444.4
6-1	si	9	Ty	-444.4	0.0	0.0	444.4

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3456.3	0.0	0.0
6-1	0.0	0.0	0.0	-3401.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-451.4	0.0	0.0	451.4

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 5|	Tz	|	-444.3|	0.0|	0.0|	444.3|
| 6- 1|si| 9|	Ty	|	-444.3|	0.0|	0.0|	444.3|

----- PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		-3455.4|		0.0|		0.0|
| 6- 1|	0.0|		0.0|		0.0|		-3400.7|		0.0|		0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 1|	Sx	Si	|	-451.3|		0.0|		0.0|		451.3|
| 6- 1|si| 5|	Tz	|	-444.2|		0.0|		0.0|			444.2|
| 6- 1|si| 9|	Ty	|	-444.2|		0.0|		0.0|			444.2|

----- PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		-3454.6|		0.0|		0.0|
| 6- 1|	0.0|		0.0|		0.0|		-3399.8|		0.0|		0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 1|	Sx	Si	|	-451.2|		0.0|		0.0|		451.2|
| 6- 1|si| 5|	Tz	|	-444.1|		0.0|		0.0|			444.1|
| 6- 1|si| 9|	Ty	|	-444.1|		0.0|		0.0|			444.1|

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		-3453.7|		0.0|		0.0|
| 6- 1|	0.0|		0.0|		0.0|		-3399.0|		0.0|		0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 1|	Sx	Si	|	-451.1|		0.0|		0.0|		451.1|
| 6- 1|si| 5|	Tz	|	-443.9|		0.0|		0.0|			443.9|
| 6- 1|si| 9|	Ty	|	-443.9|		0.0|		0.0|			443.9|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -3460.5|Mzeq = 0.0|Myeq = 0.0|Ss = -727.9 (0.278)

P_IPe80_s008 (8)	stato limite ultimo - ASTA (742- 718)	1235
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----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
5- 1	0.0		0.0		0.0		-5564.9		0.0		0.0
6- 1	0.0		0.0		0.0		-5564.3		0.0		0.0

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 1|	Sx	Si	|	-726.8|		0.0|		0.0|		726.8|
| 6- 1|si| 6|	Tz	|	-726.8|		0.0|		0.0|			726.8|
| 6- 1|si| 9|	Ty	|	-726.8|		0.0|		0.0|			726.8|

----- PROGR. 11.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		-5564.1|		0.0|		0.0|
| 6- 1|	0.0|		0.0|		0.0|		-5563.4|		0.0|		0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 1|	Sx	Si	|	-726.7|		0.0|		0.0|		726.7|
| 6- 1|si| 6|	Tz	|	-726.6|		0.0|		0.0|			726.6|
| 6- 1|si| 9|	Ty	|	-726.6|		0.0|		0.0|			726.6|

----- PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		-5563.2|		0.0|		0.0|
| 6- 1|	0.0|		0.0|		0.0|		-5562.6|		0.0|		0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 2|	Sx	Si	|	-726.6|		0.0|		0.0|		726.6|
| 6- 1|si| 6|	Tz	|	-726.5|		0.0|		0.0|			726.5|
| 6- 1|si| 9|	Ty	|	-726.5|		0.0|		0.0|			726.5|

----- PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		-5562.4|		0.0|		0.0|
| 6- 1|	0.0|		0.0|		0.0|		-5561.7|		0.0|		0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 2|	Sx	Si	|	-726.5|		0.0|		0.0|		726.5|
| 6- 1|si| 6|	Tz	|	-726.4|		0.0|		0.0|			726.4|
| 6- 1|si| 9|	Ty	|	-726.4|		0.0|		0.0|			726.4|

----- PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		-5561.5|		0.0|		0.0|
| 6- 1|	0.0|		0.0|		0.0|		-5560.8|		0.0|		0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 2|	Sx	Si	|	-726.4|		0.0|		0.0|		726.4|
| 6- 1|si| 6|	Tz	|	-726.3|		0.0|		0.0|			726.3|
| 6- 1|si| 9|	Ty	|	-726.3|		0.0|		0.0|			726.3|

----- PROGR. 55.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		-5560.7|		0.0|		0.0|
| 6- 1|	0.0|		0.0|		0.0|		-5560.0|		0.0|		0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
------	-------	---------	--	----	--	----	--	----	--	----

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 2|Sx	Si|	-726.3|	0.0|	0.0|	726.3|			
| 6- 1|si| 6| Tz		-726.2|	0.0|	0.0|	726.2|			
| 6- 1|si| 9| Ty		-726.2|	0.0|	0.0|	726.2|			
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5559.8|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5559.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-726.2|	0.0|	0.0|	726.2|			
| 6- 1|si| 6| Tz		-726.1|	0.0|	0.0|	726.1|			
| 6- 1|si| 9| Ty		-726.1|	0.0|	0.0|	726.1|			
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5559.0|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5558.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-726.1|	0.0|	0.0|	726.1|			
| 6- 1|si| 6| Tz		-726.0|	0.0|	0.0|	726.0|			
| 6- 1|si| 9| Ty		-726.0|	0.0|	0.0|	726.0|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5558.1|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5557.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-726.0|	0.0|	0.0|	726.0|			
| 6- 1|si| 6| Tz		-725.9|	0.0|	0.0|	725.9|			
| 6- 1|si| 9| Ty		-725.9|	0.0|	0.0|	725.9|			

VERIFICA STABILITA' :								
|L0 = 88. |								
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|								
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|								
Caso 5- 1 - Nodo 2 - Asse Y								
Ned = -5564.9|Mzeq = 0.0|Myeq = 0.0|Ss = -1170.5 (0.447)								

P_IPE80_S008 (8) stato limite ultimo - ASTA (743- 719) 1236								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5878.5|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5826.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx	Si|	-767.8|	0.0|	0.0|	767.8|			
| 6- 1|si| 6| Tz		-761.0|	0.0|	0.0|	761.0|			
| 6- 1|si| 9| Ty		-761.0|	0.0|	0.0|	761.0|			
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5877.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5825.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx	Si|	-767.7|	0.0|	0.0|	767.7|			
| 6- 1|si| 6| Tz		-760.9|	0.0|	0.0|	760.9|			
| 6- 1|si| 9| Ty		-760.9|	0.0|	0.0|	760.9|			
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5876.8|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5824.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx	Si|	-767.6|	0.0|	0.0|	767.6|			
| 6- 1|si| 6| Tz		-760.8|	0.0|	0.0|	760.8|			
| 6- 1|si| 9| Ty		-760.8|	0.0|	0.0|	760.8|			
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5875.9|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5824.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx	Si|	-767.5|	0.0|	0.0|	767.5|			
| 6- 1|si| 6| Tz		-760.7|	0.0|	0.0|	760.7|			
| 6- 1|si| 9| Ty		-760.7|	0.0|	0.0|	760.7|			
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5875.1|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5823.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx	Si|	-767.4|	0.0|	0.0|	767.4|			
| 6- 1|si| 6| Tz		-760.6|	0.0|	0.0|	760.6|			
| 6- 1|si| 9| Ty		-760.6|	0.0|	0.0|	760.6|			
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5874.2|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5822.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-767.2|	0.0|	0.0|	767.2|	
| 6- 1|	|si|	6|	Tz |	-760.5|	0.0|	0.0|	760.5|	
| 6- 1|	|si|	9|	Ty |	-760.5|	0.0|	0.0|	760.5|	
-----								66.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5873.4|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5821.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-767.1|	0.0|	0.0|	767.1|	
| 6- 1|	|si|	6|	Tz |	-760.3|	0.0|	0.0|	760.3|	
| 6- 1|	|si|	9|	Ty |	-760.3|	0.0|	0.0|	760.3|	
-----								77.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5872.5|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5820.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-767.0|	0.0|	0.0|	767.0|	
| 6- 1|	|si|	6|	Tz |	-760.2|	0.0|	0.0|	760.2|	
| 6- 1|	|si|	9|	Ty |	-760.2|	0.0|	0.0|	760.2|	
-----								88.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5871.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5819.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-766.9|	0.0|	0.0|	766.9|	
| 6- 1|	|si|	6|	Tz |	-760.1|	0.0|	0.0|	760.1|	
| 6- 1|	|si|	9|	Ty |	-760.1|	0.0|	0.0|	760.1|	

VERIFICA STABILITA` :								
|L0 =	88. |							
Z |Lc =	88. |	Ro =	3.24|	lm =	27.2|	Ncr=	214856.6|	alfa(a)=0.2100|
Y |Lc =	88. |	Ro =	1.05|	lm =	83.6|	Ncr=	22725.8|	alfa(b)=0.3400|
Caso 5- 1 - Nodo 1 - Asse Y								
Ned =	-5878.5|	Mzeq =	0.0|	Myeq =	0.0|	Ss =	-1236.5 |	( 0.472)

P_IPE80_S008 (8)	stato limite ultimo - ASTA (745- 721)							1241
-----								0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-7748.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7744.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-1012.1|	0.0|	0.0|	1012.1|	
| 5- 1|	|si|	6|	Tz |	-1012.1|	0.0|	0.0|	1012.1|	
| 6- 1|	|si|	9|	Ty |	-1011.5|	0.0|	0.0|	1011.5|	
-----								11.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-7747.8|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7743.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-1012.0|	0.0|	0.0|	1012.0|	
| 5- 1|	|si|	6|	Tz |	-1012.0|	0.0|	0.0|	1012.0|	
| 6- 1|	|si|	9|	Ty |	-1011.4|	0.0|	0.0|	1011.4|	
-----								22.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-7746.9|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7742.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-1011.8|	0.0|	0.0|	1011.8|	
| 5- 1|	|si|	6|	Tz |	-1011.8|	0.0|	0.0|	1011.8|	
| 6- 1|	|si|	9|	Ty |	-1011.2|	0.0|	0.0|	1011.2|	
-----								33.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-7746.1|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7741.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-1011.7|	0.0|	0.0|	1011.7|	
| 5- 1|	|si|	6|	Tz |	-1011.7|	0.0|	0.0|	1011.7|	
| 6- 1|	|si|	9|	Ty |	-1011.1|	0.0|	0.0|	1011.1|	
-----								44.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-7745.2|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7740.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-1011.6|	0.0|	0.0|	1011.6|	
| 5- 1|	|si|	6|	Tz |	-1011.6|	0.0|	0.0|	1011.6|	
| 6- 1|	|si|	9|	Ty |	-1011.0|	0.0|	0.0|	1011.0|	
-----								55.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
5- 1	0.0	0.0	0.0	-7744.4	0.0	0.0		
6- 1	0.0	0.0	0.0	-7739.8	0.0	0.0		

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1011.5| 0.0| 0.0| 1011.5|
| 5- 1|si| 6| Tz | | -1011.5| 0.0| 0.0| 1011.5|
| 6- 1|si| 9| Ty | | -1010.9| 0.0| 0.0| 1010.9|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7743.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7739.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1011.4| 0.0| 0.0| 1011.4|
| 5- 1|si| 6| Tz | | -1011.4| 0.0| 0.0| 1011.4|
| 6- 1|si| 9| Ty | | -1010.8| 0.0| 0.0| 1010.8|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7742.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7738.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1011.3| 0.0| 0.0| 1011.3|
| 5- 1|si| 6| Tz | | -1011.3| 0.0| 0.0| 1011.3|
| 6- 1|si| 9| Ty | | -1010.7| 0.0| 0.0| 1010.7|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7741.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7737.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1011.2| 0.0| 0.0| 1011.2|
| 5- 1|si| 6| Tz | | -1011.2| 0.0| 0.0| 1011.2|
| 6- 1|si| 9| Ty | | -1010.6| 0.0| 0.0| 1010.6|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -7748.6|Mzeq = 0.0|Myeq = 0.0|Ss = -1629.9 ( 0.622)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 746- 722) 1242
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8308.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -8261.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1085.2| 0.0| 0.0| 1085.2|
| 5- 1|si| 6| Tz | | -1085.2| 0.0| 0.0| 1085.2|
| 6- 1|si| 9| Ty | | -1079.1| 0.0| 0.0| 1079.1|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8307.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -8260.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1085.0| 0.0| 0.0| 1085.0|
| 5- 1|si| 6| Tz | | -1085.0| 0.0| 0.0| 1085.0|
| 6- 1|si| 9| Ty | | -1079.0| 0.0| 0.0| 1079.0|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8306.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -8260.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1084.9| 0.0| 0.0| 1084.9|
| 5- 1|si| 6| Tz | | -1084.9| 0.0| 0.0| 1084.9|
| 6- 1|si| 9| Ty | | -1078.9| 0.0| 0.0| 1078.9|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8305.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -8259.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1084.8| 0.0| 0.0| 1084.8|
| 5- 1|si| 6| Tz | | -1084.8| 0.0| 0.0| 1084.8|
| 6- 1|si| 9| Ty | | -1078.8| 0.0| 0.0| 1078.8|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8304.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -8258.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1084.7| 0.0| 0.0| 1084.7|
| 5- 1|si| 6| Tz | | -1084.7| 0.0| 0.0| 1084.7|
| 6- 1|si| 9| Ty | | -1078.6| 0.0| 0.0| 1078.6|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8304.0| 0.0| 0.0|

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Copertura area carburante - Relazione di calcolo

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| 6- 1|          0.0|          0.0|          0.0| -8257.5|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1084.6| 0.0| 0.0| 1084.6|
| 5- 1|si| 6| Tz | | -1084.6| 0.0| 0.0| 1084.6|
| 6- 1|si| 9| Ty | | -1078.5| 0.0| 0.0| 1078.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8303.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -8256.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1084.5| 0.0| 0.0| 1084.5|
| 5- 1|si| 6| Tz | | -1084.5| 0.0| 0.0| 1084.5|
| 6- 1|si| 9| Ty | | -1078.4| 0.0| 0.0| 1078.4|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8302.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -8255.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1084.4| 0.0| 0.0| 1084.4|
| 5- 1|si| 6| Tz | | -1084.4| 0.0| 0.0| 1084.4|
| 6- 1|si| 9| Ty | | -1078.3| 0.0| 0.0| 1078.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8301.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -8255.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1084.3| 0.0| 0.0| 1084.3|
| 5- 1|si| 6| Tz | | -1084.3| 0.0| 0.0| 1084.3|
| 6- 1|si| 9| Ty | | -1078.2| 0.0| 0.0| 1078.2|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -8308.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1747.6 ( 0.667)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 736- 712) 2060
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2371.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2369.2| 0.0| 0.0|
| 11-13| 0.0| 0.0| 0.0| -457.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -309.7| 0.0| 0.0| 309.7|
| 6- 1|si| 5| Tz | | -309.4| 0.0| 0.0| 309.4|
| 11-13|si| 9| Ty | | -59.7| 0.0| 0.0| 59.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2370.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2368.3| 0.0| 0.0|
| 11-13| 0.0| 0.0| 0.0| -456.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -309.6| 0.0| 0.0| 309.6|
| 6- 1|si| 5| Tz | | -309.3| 0.0| 0.0| 309.3|
| 11-13|si| 9| Ty | | -59.7| 0.0| 0.0| 59.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2369.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2367.5| 0.0| 0.0|
| 11-13| 0.0| 0.0| 0.0| -456.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -309.5| 0.0| 0.0| 309.5|
| 6- 1|si| 5| Tz | | -309.2| 0.0| 0.0| 309.2|
| 11-13|si| 9| Ty | | -59.6| 0.0| 0.0| 59.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2368.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2366.6| 0.0| 0.0|
| 11-13| 0.0| 0.0| 0.0| -455.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -309.3| 0.0| 0.0| 309.3|
| 6- 1|si| 5| Tz | | -309.1| 0.0| 0.0| 309.1|
| 11-13|si| 9| Ty | | -59.5| 0.0| 0.0| 59.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2367.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2365.8| 0.0| 0.0|
| 11-13| 0.0| 0.0| 0.0| -454.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx |Si| -309.2| 0.0| 0.0| 309.2|

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Copertura area carburante - Relazione di calcolo

6- 1 si 5	Tz		-309.0	0.0	0.0	309.0	
11-13 si 9	Ty		-59.4	0.0	0.0	59.4	

----- PROGR. 55.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2366.8|	|	0.0|	|	0.0|
| 6- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2364.9|	|	0.0|	|	0.0|
| 11-13|		|	0.0|	|	0.0|	|	0.0|	|	-454.2|	|	0.0|	|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-309.1|	|	0.0|	|	0.0|	|	309.1|	|
| 6- 1|si| 5|	Tz	|	-308.9|	|	0.0|	|	0.0|	|	308.9|	|
| 11-13|si| 9|	Ty	|	-59.3|	|	0.0|	|	0.0|	|	59.3|	|

----- PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2365.9|	|	0.0|	|	0.0|
| 6- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2364.1|	|	0.0|	|	0.0|
| 11-13|		|	0.0|	|	0.0|	|	0.0|	|	-453.5|	|	0.0|	|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-309.0|	|	0.0|	|	0.0|	|	309.0|	|
| 6- 1|si| 5|	Tz	|	-308.8|	|	0.0|	|	0.0|	|	308.8|	|
| 11-13|si| 9|	Ty	|	-59.2|	|	0.0|	|	0.0|	|	59.2|	|

----- PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2365.0|	|	0.0|	|	0.0|
| 6- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2363.2|	|	0.0|	|	0.0|
| 11-13|		|	0.0|	|	0.0|	|	0.0|	|	-452.9|	|	0.0|	|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-308.9|	|	0.0|	|	0.0|	|	308.9|	|
| 6- 1|si| 5|	Tz	|	-308.7|	|	0.0|	|	0.0|	|	308.7|	|
| 11-13|si| 9|	Ty	|	-59.1|	|	0.0|	|	0.0|	|	59.1|	|

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2364.2|	|	0.0|	|	0.0|
| 6- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2362.4|	|	0.0|	|	0.0|
| 11-13|		|	0.0|	|	0.0|	|	0.0|	|	-452.2|	|	0.0|	|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-308.8|	|	0.0|	|	0.0|	|	308.8|	|
| 6- 1|si| 5|	Tz	|	-308.6|	|	0.0|	|	0.0|	|	308.6|	|
| 11-13|si| 9|	Ty	|	-59.1|	|	0.0|	|	0.0|	|	59.1|	|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -2371.0|Mzeq = 0.0|Myeq = 0.0|Ss = -498.7 (0.190)

P_IPE80_S008 (8) stato limite ultimo - ASTA (737- 713) 2061
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2419.1|	|	0.0|	|	0.0|
| 6- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2417.5|	|	0.0|	|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-316.0|	|	0.0|	|	0.0|	|	316.0|	|
| 6- 1|si| 5|	Tz	|	-315.8|	|	0.0|	|	0.0|	|	315.8|	|
| 6- 1|si| 9|	Ty	|	-315.8|	|	0.0|	|	0.0|	|	315.8|	|

----- PROGR. 11.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2418.3|	|	0.0|	|	0.0|
| 6- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2416.7|	|	0.0|	|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-315.9|	|	0.0|	|	0.0|	|	315.9|	|
| 6- 1|si| 5|	Tz	|	-315.6|	|	0.0|	|	0.0|	|	315.6|	|
| 6- 1|si| 9|	Ty	|	-315.6|	|	0.0|	|	0.0|	|	315.6|	|

----- PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2417.4|	|	0.0|	|	0.0|
| 6- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2415.8|	|	0.0|	|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-315.7|	|	0.0|	|	0.0|	|	315.7|	|
| 6- 1|si| 5|	Tz	|	-315.5|	|	0.0|	|	0.0|	|	315.5|	|
| 6- 1|si| 9|	Ty	|	-315.5|	|	0.0|	|	0.0|	|	315.5|	|

----- PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2416.5|	|	0.0|	|	0.0|
| 6- 1|		|	0.0|	|	0.0|	|	0.0|	|	-2415.0|	|	0.0|	|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-315.6|	|	0.0|	|	0.0|	|	315.6|	|
6- 1 si 5	Tz		-315.4		0.0		0.0		315.4	
6- 1 si 9	Ty		-315.4		0.0		0.0		315.4	

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY	
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Copertura area carburante - Relazione di calcolo

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| 5- 1|      0.0|      0.0|      0.0| -2415.7|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -2414.1|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -315.5| 0.0| 0.0| 315.5|
| 6- 1|si| 5| Tz | -315.3| 0.0| 0.0| 315.3|
| 6- 1|si| 9| Ty | -315.3| 0.0| 0.0| 315.3|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -2414.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2413.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -315.4| 0.0| 0.0| 315.4|
| 6- 1|si| 5| Tz | -315.2| 0.0| 0.0| 315.2|
| 6- 1|si| 9| Ty | -315.2| 0.0| 0.0| 315.2|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -2414.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2412.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -315.3| 0.0| 0.0| 315.3|
| 6- 1|si| 5| Tz | -315.1| 0.0| 0.0| 315.1|
| 6- 1|si| 9| Ty | -315.1| 0.0| 0.0| 315.1|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -2413.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2411.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -315.2| 0.0| 0.0| 315.2|
| 6- 1|si| 5| Tz | -315.0| 0.0| 0.0| 315.0|
| 6- 1|si| 9| Ty | -315.0| 0.0| 0.0| 315.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -2412.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2410.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -315.1| 0.0| 0.0| 315.1|
| 6- 1|si| 5| Tz | -314.9| 0.0| 0.0| 314.9|
| 6- 1|si| 9| Ty | -314.9| 0.0| 0.0| 314.9|
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -2419.1|Mzeq = 0.0|Myeq = 0.0|Ss = -508.8 ( 0.194)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 394- 386) 2062
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -1135.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -1135.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -148.3| 0.0| 0.0| 148.3|
| 5- 1|si| 6| Tz | -148.3| 0.0| 0.0| 148.3|
| 5- 1|si| 9| Ty | -148.3| 0.0| 0.0| 148.3|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -1134.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -1134.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -148.2| 0.0| 0.0| 148.2|
| 5- 1|si| 6| Tz | -148.2| 0.0| 0.0| 148.2|
| 5- 1|si| 9| Ty | -148.2| 0.0| 0.0| 148.2|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -1134.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -1134.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -148.1| 0.0| 0.0| 148.1|
| 5- 1|si| 6| Tz | -148.1| 0.0| 0.0| 148.1|
| 5- 1|si| 9| Ty | -148.1| 0.0| 0.0| 148.1|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -1133.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -1133.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -148.0| 0.0| 0.0| 148.0|
| 5- 1|si| 6| Tz | -148.0| 0.0| 0.0| 148.0|
| 5- 1|si| 9| Ty | -148.0| 0.0| 0.0| 148.0|
-----
PROGR. 44.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1132.3	0.0	0.0
5- 1	0.0	0.0	0.0	-1132.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-147.9	0.0	0.0	147.9
5- 1	si	6	Tz		-147.9	0.0	0.0	147.9
5- 1	si	9	Ty		-147.9	0.0	0.0	147.9

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1131.5	0.0	0.0
5- 1	0.0	0.0	0.0	-1131.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-147.8	0.0	0.0	147.8
5- 1	si	6	Tz		-147.8	0.0	0.0	147.8
5- 1	si	9	Ty		-147.8	0.0	0.0	147.8

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1130.6	0.0	0.0
5- 1	0.0	0.0	0.0	-1130.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-147.7	0.0	0.0	147.7
5- 1	si	6	Tz		-147.7	0.0	0.0	147.7
5- 1	si	9	Ty		-147.7	0.0	0.0	147.7

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1129.8	0.0	0.0
5- 1	0.0	0.0	0.0	-1129.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-147.6	0.0	0.0	147.6
5- 1	si	6	Tz		-147.6	0.0	0.0	147.6
5- 1	si	9	Ty		-147.6	0.0	0.0	147.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1128.9	0.0	0.0
5- 1	0.0	0.0	0.0	-1128.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-147.5	0.0	0.0	147.5
5- 1	si	6	Tz		-147.4	0.0	0.0	147.4
5- 1	si	9	Ty		-147.4	0.0	0.0	147.4

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -1135.8 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -238.9 (0.091)

P_HEA120_S011 (11) stato limite ultimo - ASTA (391- 392) 701
 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	-5030.9	776.4	0.0	-9649.7	-3.4	42.4
8- 1	-567.2	-11739.8	0.0	-2412.7	-47.7	50.9
6- 1	-410.9	-6899.4	0.0	-2399.9	-29.4	52.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-13	si	3	Sx	Si	-447.1	0.0	0.0	447.1
8- 1	si	6	Tz		-15.9	-5.5	0.0	18.6
6- 1	si	9	Ty		-101.9	0.0	-10.4	103.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	4734.0	-673.0	0.0	9804.9	2.5	8.5
8- 1	585.4	-10260.8	0.0	-2412.7	-74.9	44.7
6- 1	781.9	-5994.0	0.0	-2399.9	-45.7	46.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 4	si	3	Sx	Si	447.8	0.0	0.0	447.8
8- 1	si	6	Tz		-36.0	-7.3	0.0	38.2
6- 1	si	9	Ty		-100.9	0.0	-9.1	102.2

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	4881.3	-733.9	0.0	9804.9	2.5	3.7
8- 1	1587.7	-8127.1	0.0	-2412.7	-102.0	38.4
6- 1	1824.5	-4695.7	0.0	-2399.9	-62.0	40.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 4	si	3	Sx	Si	450.7	0.0	0.0	450.7
8- 1	si	6	Tz		-58.8	-9.0	0.0	60.9
6- 1	si	9	Ty		-99.5	0.0	-7.9	100.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	4912.9	-794.9	0.0	9804.9	2.5	-1.1
8- 1	2439.8	-5338.5	0.0	-2412.7	-129.2	32.2
6- 1	2716.8	-3004.5	0.0	-2399.9	-78.2	33.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

11- 4 si 3 Sx	Si	452.6	0.0	0.0	452.6		
| 8- 1|si| 6| Tz		-84.3|	-10.8|	0.0|	86.4|		
| 6- 1|si| 9| Ty		-97.7|	0.0|	-6.7|	98.4|		
-----							PROGR.
							96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 11- 4|	4829.0|	-855.8|	0.0|	9804.9|	2.5|	-5.9|	
| 8- 1|	3141.6|	-1895.3|	0.0|	-2412.7|	-156.3|	26.0|	
| 6- 1|	3458.8|	-920.5|	0.0|	-2399.9|	-94.5|	27.6|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 4|si| 3|Sx	Si	453.4|	0.0|	0.0|	453.4|		
| 8- 1|si| 6| Tz		-112.5|	-12.5|	0.0|	114.6|		
| 6- 1|si| 9| Ty		-95.4|	0.0|	-5.5|	95.9|		
-----							PROGR.
							121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 11- 4|	4629.5|	-916.8|	0.0|	9804.9|	2.5|	-10.7|	
| 8- 1|	3693.1|	2202.8|	0.0|	-2412.7|	-183.4|	19.7|	
| 6- 1|	4050.5|	1556.4|	0.0|	-2399.9|	-110.8|	21.4|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 4|si| 3|Sx	Si	453.1|	0.0|	0.0|	453.1|		
| 8- 1|si| 6| Tz		-143.4|	-14.2|	0.0|	145.5|		
| 6- 1|si| 9| Ty		-92.8|	0.0|	-4.2|	93.0|		
-----							PROGR.
							145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 11- 4|	4314.4|	-977.7|	0.0|	9804.9|	2.5|	-15.5|	
| 8- 1|	4094.3|	6955.6|	0.0|	-2412.7|	-210.6|	13.5|	
| 11- 3|	4188.9|	-920.8|	0.0|	9557.2|	3.1|	-15.6|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 4|si| 3|Sx	Si	451.7|	0.0|	0.0|	451.7|		
| 8- 1|si| 6| Tz		-177.0|	-16.0|	0.0|	179.2|		
| 11- 3|si| 9| Ty		375.1|	0.0|	3.1|	375.2|		
-----							PROGR.
							169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 8- 1|	4345.3|	12363.2|	0.0|	-2412.7|	-237.7|	7.3|	
| 11- 3|	3754.7|	-995.5|	0.0|	9557.2|	3.1|	-20.4|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 8- 1|si| 2|Sx	Si	-456.9|	0.0|	0.0|	456.9|		
| 8- 1|si| 6| Tz		-213.3|	-17.7|	0.0|	215.5|		
| 11- 3|si| 9| Ty		375.0|	0.0|	4.0|	375.1|		
-----							PROGR.
							193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 8- 1|	4446.0|	18425.5|	0.0|	-2412.7|	-264.9|	1.1|	
| 8- 2|	722.9|	-17829.6|	0.0|	-2102.1|	263.3|	-13.6|	
| 11- 3|	3204.8|	-1070.2|	0.0|	9557.2|	3.1|	-25.2|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 8- 1|si| 2|Sx	Si	-615.4|	0.0|	0.0|	615.4|		
| 8- 2|si| 6| Tz		22.4|	19.9|	0.0|	41.1|		
| 11- 3|si| 9| Ty		375.0|	0.0|	5.0|	375.1|		

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11-13 - Nodo 3 - Asse Y
 Ned = -9649.7|Mzeq = -3773.2|Myeq = 1428.4|Ss = -618.0 (0.236)

P_HEA120_S011 (11) stato limite ultimo - ASTA (392- 393) 702

 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 8- 1|	4446.0|	18425.5|	0.0|	4611.0|	232.7|	26.4|	
| 6- 1|	4924.1|	11344.2|	0.0|	5102.9|	139.7|	26.9|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 8- 1|si| 4|Sx	Si	701.9|	0.0|	0.0|	701.9|		
| 8- 1|si| 5| Tz		255.4|	18.1|	0.0|	257.4|		
| 6- 1|si| 9| Ty		213.1|	0.0|	-5.3|	213.3|		
-----							PROGR.
							24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 8- 1|	5008.9|	13140.0|	0.0|	4611.0|	205.5|	20.2|	
| 6- 1|	5496.9|	8171.4|	0.0|	5102.9|	123.4|	20.6|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 8- 1|si| 4|Sx	Si	569.8|	0.0|	0.0|	569.8|		
| 8- 1|si| 5| Tz		217.0|	15.9|	0.0|	218.7|		
| 6- 1|si| 9| Ty		209.7|	0.0|	-4.1|	209.8|		
-----							PROGR.
							48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 8- 1|	5421.4|	8509.2|	0.0|	4611.0|	178.4|	14.0|	
| 6- 1|	5919.3|	5391.4|	0.0|	5102.9|	107.1|	14.4|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 8- 1|si| 4|Sx	Si	453.4|	0.0|	0.0|	453.4|		
| 8- 1|si| 5| Tz		184.0|	13.6|	0.0|	185.5|		
| 6- 1|si| 9| Ty		206.7|	0.0|	-2.8|	206.7|		
-----							PROGR.
							72.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	6596.0|	402.6|	0.0|	7834.6|	-0.6|	6.2|
8- 1|	5683.7|	4533.1|	0.0|	4611.0|	151.2|	7.8|
6- 1|	6191.5|	3004.2|	0.0|	5102.9|	90.8|	8.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 4|Sx				380.7|	0.0|	0.0|	380.7|
8- 1|si| 5| Tz				156.6|	11.4|	0.0|	157.9|
6- 1|si| 9| Ty				204.1|	0.0|	-1.6|	204.1|

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2|	3951.2|	-769.9|	0.0|	8297.2|	16.8|	-3.7|
8- 1|	5795.7|	1211.8|	0.0|	4611.0|	124.1|	1.5|
11- 4|	3901.6|	680.3|	0.0|	8148.9|	-18.4|	-3.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2|si| 3|Sx				383.6|	0.0|	0.0|	383.6|
8- 1|si| 5| Tz				134.7|	9.2|	0.0|	135.6|
11- 4|si| 9| Ty				321.4|	0.0|	0.7|	321.4|

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2|	3803.6|	-1175.1|	0.0|	8297.2|	16.8|	-8.5|
8- 2|	1705.5|	2053.8|	0.0|	200.2|	-97.0|	-7.4|
11- 4|	3753.6|	1125.2|	0.0|	8148.9|	-18.4|	-8.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2|si| 3|Sx				392.7|	0.0|	0.0|	392.7|
8- 2|si| 5| Tz				4.8|	-7.4|	0.0|	13.7|
11- 4|si| 9| Ty				321.9|	0.0|	1.7|	321.9|

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2|	3540.4|	-1580.4|	0.0|	8297.2|	16.8|	-13.3|
8- 2|	1451.2|	4066.2|	0.0|	200.2|	-69.8|	-13.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2|si| 3|Sx				400.8|	0.0|	0.0|	400.8|
8- 2|si| 5| Tz				19.8|	-5.7|	0.0|	22.1|
8- 2|si| 9| Ty				12.3|	0.0|	2.7|	13.1|

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2|	3161.6|	-1985.7|	0.0|	8297.2|	16.8|	-18.1|
12- 5|	2342.8|	-6658.5|	0.0|	4719.6|	58.9|	-16.3|
8- 2|	1046.7|	5423.8|	0.0|	200.2|	-42.7|	-19.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2|si| 3|Sx				407.8|	0.0|	0.0|	407.8|
12- 5|si| 6| Tz				205.6|	5.0|	0.0|	205.7|
8- 2|si| 9| Ty				13.8|	0.0|	3.9|	15.3|

PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2|	2667.3|	-2391.0|	0.0|	8297.2|	16.8|	-22.9|
12- 5|	1891.5|	-8078.9|	0.0|	4719.6|	58.9|	-21.1|
8- 2|	491.8|	6126.6|	0.0|	200.2|	-15.6|	-26.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2|si| 3|Sx				413.7|	0.0|	0.0|	413.7|
12- 5|si| 6| Tz				218.7|	5.2|	0.0|	218.9|
8- 2|si| 9| Ty				14.5|	0.0|	5.1|	17.0|

VERIFICA STABILITA' :

$L_0 = 193.1$
 $Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr = 338101.8|alfa(b) = 0.3400|ki = 0.9038|$
 $Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr = 128500.9|alfa(c) = 0.4900|ki = 0.7014|$
 Caso11-15 - Nodo 2 - Asse Y
 $Ned = -4314.9|Mzeq = 470.2|Myeq = 2001.5|Ss = -300.4 (0.115)$

P_HEA120_S011 (11) stato limite ultimo - ASTA (393- 394) 703
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1|	4741.1|	-5525.6|	0.0|	7283.8|	15.5|	27.4|
12-12|	751.3|	8356.5|	0.0|	912.0|	61.2|	27.4|
7- 2|	-230.2|	126.9|	0.0|	-667.7|	0.6|	33.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1|si| 3|Sx				474.7|	0.0|	0.0|	474.7|
12-12|si| 5| Tz				81.3|	5.6|	0.0|	81.9|
7- 2|si| 9| Ty				-26.1|	0.0|	-6.6|	28.6|

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1|	5327.3|	-5573.0|	0.0|	7283.8|	-11.6|	21.2|
12-12|	1354.7|	6880.0|	0.0|	912.0|	61.2|	22.6|
7- 2|	508.2|	113.2|	0.0|	-667.7|	0.6|	27.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1|si| 3|Sx				481.4|	0.0|	0.0|	481.4|
12-12|si| 5| Tz				66.4|	5.4|	0.0|	67.0|
7- 2|si| 9| Ty				-26.2|	0.0|	-5.4|	27.8|

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	5763.3	-4965.7	0.0	7283.8	-38.7	15.0

Copertura area carburante - Relazione di calcolo

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| 12-12|      1842.4| 5403.5|      0.0| 912.0|      61.2|      17.8|
| 7- 2|      1096.3| 99.5|      0.0| -667.7|      0.6|      21.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 3|Sx |Si | 469.7| 0.0| 0.0| 469.7|
| 12-12|si| 5| Tz | 52.5| 5.2| 0.0| 53.3|
| 7- 2|si| 9| Ty | -26.2| 0.0| -4.2| 27.2|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 6049.1| -3703.6| 0.0| 7283.8| -65.9| 8.7|
| 8- 2| 2006.3| 4306.5| 0.0| 1220.8| 65.9| 11.6|
| 11-15| 1595.5| 1263.9| 0.0| -886.5| 19.4| 15.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 3|Sx |Si | 439.6| 0.0| 0.0| 439.6|
| 8- 2|si| 5| Tz | 56.3| 5.3| 0.0| 57.0|
| 11-15|si| 9| Ty | -33.5| 0.0| -3.0| 33.9|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 7032.8| 589.7| 0.0| 9121.6| -0.3| 1.0|
| 8- 2| 2210.6| 2390.3| 0.0| 1220.8| 93.0| 5.4|
| 11-15| 1904.3| 795.6| 0.0| -886.5| 19.4| 10.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si | 440.3| 0.0| 0.0| 440.3|
| 8- 2|si| 5| Tz | 42.3| 7.0| 0.0| 44.0|
| 11-15|si| 9| Ty | -34.0| 0.0| -2.1| 34.2|
----- PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 6982.3| 596.8| 0.0| 9121.6| -0.3| -5.2|
| 8- 1| 6169.8| 784.9| 0.0| 7283.8| -120.2| -3.7|
| 11- 2| 2627.8| -81.7| 0.0| 6611.0| -19.1| -12.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si | 440.0| 0.0| 0.0| 440.0|
| 8- 1|si| 5| Tz | 233.7| -9.0| 0.0| 234.2|
| 11- 2|si| 9| Ty | 260.1| 0.0| 2.4| 260.1|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 6004.7| 4011.3| 0.0| 7283.8| -147.3| -10.0|
| 11- 2| 2273.1| 380.2| 0.0| 6611.0| -19.1| -17.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 4|Sx |Si | 447.2| 0.0| 0.0| 447.2|
| 8- 1|si| 5| Tz | 255.5| -11.2| 0.0| 256.2|
| 11- 2|si| 9| Ty | 260.6| 0.0| 3.4| 260.6|
----- PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 5689.4| 7892.5| 0.0| 7283.8| -174.4| -16.2|
| 11- 2| 1802.8| 842.1| 0.0| 6611.0| -19.1| -21.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 4|Sx |Si | 545.1| 0.0| 0.0| 545.1|
| 8- 1|si| 5| Tz | 282.8| -13.4| 0.0| 283.8|
| 11- 2|si| 9| Ty | 261.1| 0.0| 4.3| 261.2|
----- PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 5223.8| 12428.5| 0.0| 7283.8| -201.6| -22.4|
| 11- 2| 1216.9| 1303.9| 0.0| 6611.0| -19.1| -26.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 4|Sx |Si | 658.5| 0.0| 0.0| 658.5|
| 8- 1|si| 5| Tz | 315.7| -15.7| 0.0| 316.8|
| 11- 2|si| 9| Ty | 261.6| 0.0| 5.3| 261.7|
-----
VERIFICA STABILITA' :
|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso11-15 - Nodo 2 - Asse Y
Ned = -886.5|Mzeq = 2074.8|Myeq = 2001.5|Ss = -121.6 ( 0.046)
P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 394- 395) 704
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 5223.8| 12428.5| 0.0| 10121.6| 201.8| 28.6|
| 6- 1| 5896.2| 7721.9| 0.0| 10960.3| 121.1| 28.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 4|Sx |Si | 770.2| 0.0| 0.0| 770.2|
| 8- 1|si| 5| Tz | 427.4| 15.9| 0.0| 428.3|
| 6- 1|si| 9| Ty | 439.7| 0.0| -5.7| 439.8|
----- PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 5838.8| 7888.5| 0.0| 10121.6| 174.6| 22.4|
| 6- 1| 6513.7| 4996.2| 0.0| 10960.3| 104.8| 22.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 4|Sx |Si | 658.0| 0.0| 0.0| 658.0|
| 8- 1|si| 5| Tz | 393.1| 13.7| 0.0| 393.8|

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Copertura area carburante - Relazione di calcolo

6- 1 si 9	Ty	436.7	0.0	-4.4	436.8	48.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 6- 1|	6981.0|	2663.3|	0.0|	10960.3|	88.6|	16.3|
| 8- 1|	6303.6|	4003.3|	0.0|	10121.6|	147.5|	16.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 6- 1|si| 4|Sx	Si|	566.0|	0.0|	0.0|	566.0|	
| 8- 1|si| 5|	Tz	| 364.3|	11.5|	0.0|	364.9|	
| 6- 1|si| 9|	Ty	| 434.2|	0.0|	-3.2|	434.3|	
----- PROGR.						
72.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 6- 1|	7297.9|	723.4|	0.0|	10960.3|	72.3|	10.0|
| 8- 1|	6618.1|	772.9|	0.0|	10121.6|	120.3|	9.9|
| 11-14|	2854.2|	777.1|	0.0|	6252.3|	3.6|	10.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 6- 1|si| 4|Sx	Si|	518.6|	0.0|	0.0|	518.6|	
| 8- 1|si| 5|	Tz	| 341.1|	9.2|	0.0|	341.5|	
| 11-14|si| 9|	Ty	| 246.9|	0.0|	-2.1|	246.9|	
----- PROGR.						
96.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 6- 1|	7464.7|	-823.7|	0.0|	10960.3|	56.0|	3.8|
| 8- 2|	2362.4|	2406.9|	0.0|	1560.7|	-93.2|	-3.8|
| 11-14|	3050.9|	689.4|	0.0|	6252.3|	3.6|	5.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 6- 1|si| 3|Sx	Si|	522.8|	0.0|	0.0|	522.8|	
| 8- 2|si| 5|	Tz	| 54.4|	-7.0|	0.0|	55.7|	
| 11-14|si| 9|	Ty	| 246.8|	0.0|	-1.1|	246.8|	
----- PROGR.						
121.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 8- 1|	6796.4|	-3723.7|	0.0|	10121.6|	66.1|	-2.5|
| 8- 2|	2196.1|	4327.3|	0.0|	1560.7|	-66.0|	-10.0|
| 11- 3|	1836.5|	-354.1|	0.0|	724.0|	-3.8|	-10.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 8- 1|si| 3|Sx	Si|	558.8|	0.0|	0.0|	558.8|	
| 8- 2|si| 5|	Tz	| 68.0|	-5.2|	0.0|	68.6|	
| 11- 3|si| 9|	Ty	| 28.1|	0.0|	2.0|	28.3|	
----- PROGR.						
145.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 8- 1|	6660.1|	-4989.8|	0.0|	10121.6|	38.9|	-8.8|
| 8- 2|	1879.5|	5592.9|	0.0|	1560.7|	-38.9|	-16.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 8- 1|si| 3|Sx	Si|	590.4|	0.0|	0.0|	590.4|	
| 8- 2|si| 5|	Tz	| 78.9|	-3.5|	0.0|	79.1|	
| 8- 2|si| 9|	Ty	| 67.5|	0.0|	3.2|	67.7|	
----- PROGR.						
169.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 8- 1|	6373.6|	-5601.2|	0.0|	10121.6|	11.8|	-15.0|
| 8- 2|	1412.7|	6203.7|	0.0|	1560.7|	-11.7|	-22.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 8- 1|si| 3|Sx	Si|	603.6|	0.0|	0.0|	603.6|	
| 8- 2|si| 5|	Tz	| 87.1|	-1.8|	0.0|	87.2|	
| 8- 2|si| 9|	Ty	| 68.1|	0.0|	4.4|	68.6|	
----- PROGR.						
193.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 8- 1|	5936.7|	-5557.8|	0.0|	10121.6|	-15.4|	-21.2|
| 8- 2|	795.6|	6159.8|	0.0|	1560.7|	15.4|	-28.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 8- 1|si| 3|Sx	Si|	598.4|	0.0|	0.0|	598.4|	
| 8- 2|si| 6|	Tz	| 15.3|	2.3|	0.0|	15.8|	
| 8- 2|si| 9|	Ty	| 68.1|	0.0|	5.7|	68.8|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
P_HEA120_S011 (11) stato limite ultimo - ASTA (395- 396) 705						
----- PROGR.						
0.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 8- 1|	5936.7|	-5557.8|	0.0|	5699.7|	-15.4|	20.7|
| 8- 2|	795.6|	6159.8|	0.0|	175.0|	15.4|	25.0|
| 7- 2|	1446.4|	-9.6|	0.0|	3339.1|	0.1|	26.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 8- 1|si| 3|Sx	Si|	424.4|	0.0|	0.0|	424.4|	
| 8- 2|si| 5|	Tz	| 38.1|	2.1|	0.0|	38.3|	
| 7- 2|si| 9|	Ty	| 131.4|	0.0|	-5.3|	131.7|	
----- PROGR.						
24.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY |
| 8- 1|	6361.7|	-4859.6|	0.0|	5699.7|	-42.5|	14.5|
| 8- 2|	1324.6|	5461.1|	0.0|	175.0|	42.5|	18.8|
| 7- 2|	2020.1|	-12.9|	0.0|	3339.1|	0.1|	20.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|	
| 8- 1|si| 3|Sx	Si|	410.2|	0.0|	0.0|	410.2|	
| 8- 2|si| 5|	Tz	| 28.8|	3.9|	0.0|	29.5|	

Copertura area carburante - Relazione di calcolo

| 7- 2|si| 9|	Ty	131.4|	0.0|	-4.1|	131.6|				
-----								48.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 8- 1|	6636.3|	-3506.7|	0.0|	5699.7|	-69.7|	8.3|			
| 8- 2|	1703.3|	4107.7|	0.0|	175.0|	69.7|	12.6|			
| 7- 2|	2443.5|	-16.3|	0.0|	3339.1|	0.1|	14.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|si| 3|Sx	Si	377.7|	0.0|	0.0|	377.7|				
| 8- 2|si| 5|	Tz	16.7|	5.6|	0.0|	19.3|				
| 7- 2|si| 9|	Ty	131.4|	0.0|	-2.8|	131.5|				
-----								72.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 11-13|	3775.4|	14.2|	0.0|	7410.5|	3.8|	7.5|			
| 8- 2|	1931.8|	2099.5|	0.0|	175.0|	96.8|	6.4|			
| 7- 2|	2716.7|	-19.7|	0.0|	3339.1|	0.1|	8.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 11-13|si| 4|Sx	Si	327.4|	0.0|	0.0|	327.4|				
| 8- 2|si| 5|	Tz	1.9|	7.4|	0.0|	12.9|				
| 7- 2|si| 9|	Ty	131.4|	0.0|	-1.6|	131.4|				
-----								96.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	7343.0|	942.4|	0.0|	6102.5|	-74.3|	-5.1|			
| 8- 1|	6734.8|	1163.5|	0.0|	5699.7|	-123.9|	-4.2|			
| 5- 1|	6845.2|	618.1|	0.0|	4204.1|	0.0|	-6.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 4|Sx	Si	333.5|	0.0|	0.0|	333.5|				
| 8- 1|si| 5|	Tz	168.4|	-9.3|	0.0|	169.2|				
| 5- 1|si| 9|	Ty	166.1|	0.0|	1.2|	166.1|				
-----								121.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 8- 1|	6558.7|	4480.8|	0.0|	5699.7|	-151.1|	-10.4|			
| 5- 1|	6621.3|	618.2|	0.0|	4204.1|	0.0|	-12.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|si| 4|Sx	Si	402.2|	0.0|	0.0|	402.2|				
| 8- 1|si| 5|	Tz	190.9|	-11.5|	0.0|	192.0|				
| 5- 1|si| 9|	Ty	166.1|	0.0|	2.4|	166.2|				
-----								145.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 8- 1|	6232.2|	8452.8|	0.0|	5699.7|	-178.2|	-16.6|			
| 5- 1|	6247.0|	618.2|	0.0|	4204.1|	0.0|	-18.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|si| 4|Sx	Si	502.4|	0.0|	0.0|	502.4|				
| 8- 1|si| 5|	Tz	218.9|	-13.7|	0.0|	220.2|				
| 5- 1|si| 9|	Ty	166.1|	0.0|	3.7|	166.2|				
-----								169.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 8- 1|	5755.5|	13079.6|	0.0|	5699.7|	-205.4|	-22.9|			
| 5- 1|	5722.5|	618.2|	0.0|	4204.1|	0.0|	-24.9|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|si| 4|Sx	Si	618.1|	0.0|	0.0|	618.1|				
| 8- 1|si| 5|	Tz	252.4|	-16.0|	0.0|	254.0|				
| 5- 1|si| 9|	Ty	166.1|	0.0|	4.9|	166.3|				
-----								193.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 8- 1|	5128.6|	18361.1|	0.0|	5699.7|	-232.5|	-29.1|			
| 5- 1|	5047.8|	618.2|	0.0|	4204.1|	0.0|	-31.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|si| 4|Sx	Si	749.4|	0.0|	0.0|	749.4|				
| 8- 1|si| 5|	Tz	291.5|	-18.2|	0.0|	293.2|				
| 5- 1|si| 9|	Ty	166.1|	0.0|	6.1|	166.5|				

VERIFICA STABILITA` :									
|L0 =	193.|								
Z |Lc =	193.|Ro = 4.89|lm = 39.5|Ncr=	338101.8|	alfa(b)=0.3400|	ki=0.9038|					
Y |Lc =	193.|Ro = 3.01|lm = 64.0|Ncr=	128500.9|	alfa(c)=0.4900|	ki=0.7014|					
Caso11- 4 - Nodo 2 - Asse Y									
Ned =	-3201.2|Mzeq =	1038.1|	Myeq =	552.9|	Ss =	-204.2 (0.078)			

P_HEA120_S011 (11)	stato limite ultimo - ASTA (396- 397)						706		
-----								0.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 8- 1|	5128.6|	18361.1|	0.0|	1311.6|	264.7|	2.3|			
| 8- 2|	820.1|	-17763.2|	0.0|	-1490.2|	-263.1|	14.6|			
| 11-15|	3124.4|	178.9|	0.0|	9379.6|	0.8|	26.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|si| 4|Sx	Si	576.8|	0.0|	0.0|	576.8|				
| 8- 2|si| 6|	Tz	45.2|	-19.9|	0.0|	56.8|				
| 11-15|si| 9|	Ty	369.3|	0.0|	-5.1|	369.4|				
-----								24.	
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 11-13|	3804.6|	-422.9|	0.0|	9818.4|	-0.8|	21.0|			

Copertura area carburante - Relazione di calcolo

| 8- 2|	1096.1|	-11742.2|	0.0|	-1490.2|	-236.0|	8.3|
| 11-15|	3694.2|	160.0|	0.0|	9379.6|	0.8|	21.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-13|si| 3|Sx |	Si |	433.1|	0.0|	0.0|	433.1|	
| 8- 2|si| 6| Tz |		4.8|	-17.7|	0.0|	30.9|	
| 11-15|si| 9| Ty |		369.3|	0.0|	-4.2|	369.4|	

PROGR. 48.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13|	4252.4|	-403.0|	0.0|	9818.4|	-0.8|	16.2|
| 8- 1|	4940.8|	6899.2|	0.0|	1311.6|	210.4|	-10.1|
| 7- 1|	3552.9|	555.1|	0.0|	-3742.6|	1.6|	-18.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-13|si| 3|Sx |	Si |	436.8|	0.0|	0.0|	436.8|	
| 8- 1|si| 6| Tz |		-38.0|	15.8|	0.0|	46.9|	
| 7- 1|si| 9| Ty |		-146.7|	0.0|	3.5|	146.8|	

PROGR. 72.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13|	4584.6|	-383.1|	0.0|	9818.4|	-0.8|	11.4|
| 8- 1|	4621.5|	2150.4|	0.0|	1311.6|	183.3|	-16.3|
| 7- 1|	3043.8|	515.5|	0.0|	-3742.6|	1.6|	-24.2|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-13|si| 3|Sx |	Si |	439.4|	0.0|	0.0|	439.4|	
| 8- 1|si| 6| Tz |		-5.2|	14.1|	0.0|	25.0|	
| 7- 1|si| 9| Ty |		-146.7|	0.0|	4.8|	147.0|	

PROGR. 96.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13|	4801.3|	-363.2|	0.0|	9818.4|	-0.8|	6.6|
| 8- 1|	4151.9|	-1943.6|	0.0|	1311.6|	156.1|	-22.6|
| 7- 1|	2384.5|	475.8|	0.0|	-3742.6|	1.6|	-30.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-13|si| 3|Sx |	Si |	440.9|	0.0|	0.0|	440.9|	
| 8- 1|si| 6| Tz |		24.9|	12.4|	0.0|	32.8|	
| 7- 1|si| 9| Ty |		-146.8|	0.0|	6.0|	147.1|	

PROGR. 121.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13|	4902.3|	-343.3|	0.0|	9818.4|	-0.8|	1.8|
| 8- 1|	3532.1|	-5382.8|	0.0|	1311.6|	129.0|	-28.8|
| 7- 1|	1574.9|	436.2|	0.0|	-3742.6|	1.6|	-36.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-13|si| 3|Sx |	Si |	441.3|	0.0|	0.0|	441.3|	
| 8- 1|si| 6| Tz |		52.3|	10.6|	0.0|	55.4|	
| 7- 1|si| 9| Ty |		-146.8|	0.0|	7.2|	147.3|	

PROGR. 145.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13|	4887.7|	-323.4|	0.0|	9818.4|	-0.8|	-3.0|
| 8- 1|	2762.0|	-8167.3|	0.0|	1311.6|	101.8|	-35.0|
| 7- 1|	615.0|	396.5|	0.0|	-3742.6|	1.6|	-42.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-13|si| 3|Sx |	Si |	440.6|	0.0|	0.0|	440.6|	
| 8- 1|si| 6| Tz |		77.0|	8.9|	0.0|	78.5|	
| 7- 1|si| 9| Ty |		-146.9|	0.0|	8.5|	147.6|	

PROGR. 169.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13|	4757.6|	-303.5|	0.0|	9818.4|	-0.8|	-7.8|
| 8- 1|	1841.6|	-10297.1|	0.0|	1311.6|	74.7|	-41.3|
| 7- 1|	-495.2|	356.9|	0.0|	-3742.6|	1.6|	-49.1|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-13|si| 3|Sx |	Si |	438.9|	0.0|	0.0|	438.9|	
| 8- 1|si| 6| Tz |		99.0|	7.1|	0.0|	99.8|	
| 7- 1|si| 9| Ty |		-146.9|	0.0|	9.7|	147.9|	

PROGR. 193.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13|	4511.9|	-283.6|	0.0|	9818.4|	-0.8|	-12.6|
| 8- 1|	770.9|	-11772.0|	0.0|	1311.6|	47.6|	-47.5|
| 7- 1|	-1755.6|	317.2|	0.0|	-3742.6|	1.6|	-55.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-13|si| 3|Sx |	Si |	436.1|	0.0|	0.0|	436.1|	
| 8- 1|si| 6| Tz |		118.3|	5.4|	0.0|	118.7|	
| 7- 1|si| 9| Ty |		-146.9|	0.0|	10.9|	148.2|	

VERIFICA STABILITA` :

|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso11- 4 - Nodo 3 - Asse Y
Ned = -8336.0|Mzeq = -3468.8|Myeq = 737.2|Ss = -521.6 (0.199)

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----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-13	0.0	0.0	0.0	-14786.5	-4.0	-6.9
8- 1	0.0	0.0	0.0	-9819.8	169.4	22.0

Copertura area carburante - Relazione di calcolo

| 11- 4 |	0.0 |	0.0 |	0.0 |	10115.5 |	3.2 |	42.3 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-13 |	|si| 1 |Sx |	-581.9 |	0.0 |	0.0 |	581.9 |	
| 8- 1 |	|si| 5 | Tz |	-386.5 |	13.3 |	0.0 |	387.1 |	
| 11- 4 |	|si| 9 | Ty |	398.1 |	0.0 |	-8.3 |	398.3 |	
| 11-13 |	|si| 9 | Si |	-581.9 |	0.0 |	1.4 |	581.9 |	

----- PROGR. 24.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13 |	-224.3 |	97.0 |	0.0 |	-14786.5 |	-4.0 |	-11.7 |
| 8- 1 |	455.0 |	-3759.2 |	0.0 |	-9819.8 |	142.2 |	15.7 |
| 11- 4 |	963.5 |	-76.5 |	0.0 |	10115.5 |	3.2 |	37.5 |

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-13 |	|si| 3 |Sx |	-586.5 |	0.0 |	0.0 |	586.5 |	
| 8- 1 |	|si| 5 | Tz |	-414.3 |	11.1 |	0.0 |	414.8 |	
| 11- 4 |	|si| 9 | Ty |	398.0 |	0.0 |	-7.4 |	398.2 |	

----- PROGR. 48.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-13 |	-564.2 |	194.1 |	0.0 |	-14786.5 |	-4.0 |	-16.5 |
| 8- 1 |	759.8 |	-6863.6 |	0.0 |	-9819.8 |	115.1 |	9.5 |
| 11- 4 |	1811.3 |	-153.0 |	0.0 |	10115.5 |	3.2 |	32.7 |

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-13 |	|si| 3 |Sx |	-592.2 |	0.0 |	0.0 |	592.2 |	
| 8- 1 |	|si| 5 | Tz |	-436.7 |	8.8 |	0.0 |	436.9 |	
| 11- 4 |	|si| 9 | Ty |	397.9 |	0.0 |	-6.5 |	398.1 |	

----- PROGR. 72.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1 |	914.3 |	-9313.2 |	0.0 |	-9819.8 |	88.0 |	3.3 |
| 8- 2 |	579.0 |	9424.9 |	0.0 |	-4820.3 |	-89.5 |	-1.3 |
| 11- 4 |	2543.6 |	-229.5 |	0.0 |	10115.5 |	3.2 |	28.0 |

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 8- 1 |	|si| 1 |Sx |	-637.0 |	0.0 |	0.0 |	637.0 |	
| 8- 2 |	|si| 5 | Tz |	-136.0 |	-6.6 |	0.0 |	136.4 |	
| 11- 4 |	|si| 9 | Ty |	397.8 |	0.0 |	-5.5 |	398.0 |	

----- PROGR. 96.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1 |	918.5 |	-11108.0 |	0.0 |	-9819.8 |	60.8 |	-2.9 |
| 8- 2 |	471.5 |	11257.0 |	0.0 |	-4820.3 |	-62.4 |	-7.6 |
| 11-13 |	-1590.7 |	388.2 |	0.0 |	-14786.5 |	-4.0 |	-26.1 |

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 8- 1 |	|si| 1 |Sx |	-683.7 |	0.0 |	0.0 |	683.7 |	
| 8- 2 |	|si| 5 | Tz |	-123.4 |	-4.9 |	0.0 |	123.7 |	
| 11-13 |	|si| 9 | Ty |	-581.5 |	0.0 |	5.1 |	581.6 |	

----- PROGR. 121.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1 |	772.5 |	-12248.1 |	0.0 |	-9819.8 |	33.7 |	-9.2 |
| 8- 2 |	213.7 |	12434.4 |	0.0 |	-4820.3 |	-35.2 |	-13.8 |
| 11-13 |	-2277.4 |	485.2 |	0.0 |	-14786.5 |	-4.0 |	-30.9 |

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 8- 1 |	|si| 1 |Sx |	-711.9 |	0.0 |	0.0 |	711.9 |	
| 8- 2 |	|si| 5 | Tz |	-113.6 |	-3.1 |	0.0 |	113.8 |	
| 11-13 |	|si| 9 | Ty |	-581.4 |	0.0 |	6.1 |	581.5 |	

----- PROGR. 145.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1 |	476.2 |	-12733.4 |	0.0 |	-9819.8 |	6.5 |	-15.4 |
| 11-13 |	-3079.6 |	582.3 |	0.0 |	-14786.5 |	-4.0 |	-35.6 |

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 8- 1 |	|si| 1 |Sx |	-721.7 |	0.0 |	0.0 |	721.7 |	
| 11-13 |	|si| 5 | Tz |	-549.4 |	-1.7 |	0.0 |	549.4 |	
| 11-13 |	|si| 9 | Ty |	-581.3 |	0.0 |	7.0 |	581.4 |	

----- PROGR. 169.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1 |	29.6 |	-12564.0 |	0.0 |	-9819.8 |	-20.6 |	-21.6 |
| 8- 2 |	-752.7 |	12824.7 |	0.0 |	-4820.3 |	19.0 |	-26.3 |
| 11-13 |	-3997.5 |	679.3 |	0.0 |	-14786.5 |	-4.0 |	-40.4 |

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 8- 1 |	|si| 1 |Sx |	-713.2 |	0.0 |	0.0 |	713.2 |	
| 8- 2 |	|si| 6 | Tz |	-263.2 |	2.4 |	0.0 |	263.2 |	
| 11-13 |	|si| 9 | Ty |	-581.2 |	0.0 |	8.0 |	581.3 |	

----- PROGR. 193.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1 |	-567.2 |	-11739.8 |	0.0 |	-9819.8 |	-47.7 |	-27.9 |
| 8- 2 |	-1461.3 |	12037.8 |	0.0 |	-4820.3 |	46.2 |	-32.5 |
| 7- 2 |	-4105.4 |	118.2 |	0.0 |	-11629.6 |	-0.6 |	-46.2 |

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 8- 1 |	|si| 4 |Sx |	-696.8 |	0.0 |	0.0 |	696.8 |	
| 8- 2 |	|si| 6 | Tz |	-251.6 |	4.7 |	0.0 |	251.7 |	
| 7- 2 |	|si| 9 | Ty |	-457.5 |	0.0 |	9.1 |	457.8 |	

VERIFICA STABILITA' :

|L0 = 193. |
Z |Lc = 193. |Ro = 4.89 |lm = 39.5 |Ncr= 338101.8 |alfa(b) = 0.3400 |ki = 0.9038 |

Copertura area carburante - Relazione di calcolo

Y |Lc = 193.0|Ro = 3.0|lm = 64.0|Ncr = 128500.9|alfa(c) = 0.4900|ki = 0.7014|
 Caso 8- 1 - Nodo 1 - Asse Y
 Ned = -9819.8|Mzeq = 688.9|Myeq = -12170.6|Ss = -900.0 (0.344)

P_HEA120_S011 (11) stato limite ultimo - ASTA (397- 398) 723
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	770.9	-11772.0	0.0	-7786.6	47.6	20.9
8- 2	-1179.7	12071.0	0.0	-4563.6	-46.0	31.0
11- 4	-4625.1	430.8	0.0	-13969.2	2.2	43.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	1	Sx	Si	-619.5	0.0	0.0	619.5
8- 2	si	6	Tz	-244.3	-4.6	0.0	244.5	
11- 4	si	9	Ty	-549.3	0.0	-8.5	549.5	
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1200.5	-12592.2	0.0	-7786.6	20.4	14.7
8- 2	-506.3	12853.8	0.0	-4563.6	-18.9	24.8
11- 4	-3642.4	376.9	0.0	-13969.2	2.2	38.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	1	Sx	Si	-644.8	0.0	0.0	644.8
8- 2	si	6	Tz	-255.6	-2.4	0.0	255.6	
11- 4	si	9	Ty	-549.3	0.0	-7.6	549.5	
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1479.8	-12757.6	0.0	-7786.6	-6.7	8.5
11- 4	-2775.3	323.1	0.0	-13969.2	2.2	33.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	1	Sx	Si	-651.8	0.0	0.0	651.8
11- 4	si	5	Tz	-521.7	1.5	0.0	521.7	
11- 4	si	9	Ty	-549.4	0.0	-6.6	549.5	
 ----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1608.9	-12268.3	0.0	-7786.6	-33.9	2.2
8- 2	389.7	12455.1	0.0	-4563.6	35.4	12.3
11- 4	-2023.7	269.2	0.0	-13969.2	2.2	28.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	1	Sx	Si	-640.3	0.0	0.0	640.3
8- 2	si	5	Tz	-105.1	3.1	0.0	105.2	
11- 4	si	9	Ty	-549.5	0.0	-5.7	549.5	
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1587.6	-11124.1	0.0	-7786.6	-61.0	-4.0
8- 2	612.3	11273.6	0.0	-4563.6	62.5	6.1
11- 4	-1387.8	215.4	0.0	-13969.2	2.2	24.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	1	Sx	Si	-610.3	0.0	0.0	610.3
8- 2	si	5	Tz	-114.6	4.8	0.0	114.9	
11- 4	si	9	Ty	-549.5	0.0	-4.7	549.6	
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	468.7	119.0	0.0	-14309.1	1.6	2.9
8- 1	1416.1	-9325.3	0.0	-7786.6	-88.1	-10.2
11-13	2558.9	-106.3	0.0	9622.3	-1.5	-28.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-570.6	0.0	0.0	570.6
8- 1	si	5	Tz	-378.3	-6.9	0.0	378.5	
11-13	si	9	Ty	378.6	0.0	5.6	378.7	
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	462.7	79.3	0.0	-14309.1	1.6	-3.4
8- 1	1094.3	-6871.6	0.0	-7786.6	-115.3	-16.5
11-13	1821.5	-70.9	0.0	9622.3	-1.5	-33.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-569.5	0.0	0.0	569.5
8- 1	si	5	Tz	-359.8	-9.1	0.0	360.2	
11-13	si	9	Ty	378.6	0.0	6.5	378.8	
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	306.5	39.7	0.0	-14309.1	1.6	-9.6
8- 1	622.3	-3763.2	0.0	-7786.6	-142.4	-22.7
11-13	968.6	-35.4	0.0	9622.3	-1.5	-37.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-567.0	0.0	0.0	567.0
8- 1	si	5	Tz	-335.9	-11.4	0.0	336.5	
11-13	si	9	Ty	378.6	0.0	7.4	378.9	
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	0.0	0.0	0.0	-14309.1	1.6	-15.8
8- 1	0.0	0.0	0.0	-7786.6	-169.6	-28.9
11-13	0.0	0.0	0.0	9622.3	-1.5	-42.5

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

Copertura area carburante - Relazione di calcolo

| 7- 1|si| 2|Sx	|	-563.1|	0.0|	0.0|	563.1|
| 8- 1|si| 5| Tz	|	-306.4|	-13.6|	0.0|	307.3|
| 11-13|si| 9| Ty	|	378.7|	0.0|	8.4|	379.0|
| 7- 1|si| 9| Si	|	-563.1|	0.0|	3.1|	563.2|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11- 4 - Nodo 3 - Asse Y
 Ned = -13969.2|Mzeq = -3468.8|Myeq = 323.1|Ss = -827.1 (0.316)

P_HEA120_S011 (11) stato limite ultimo - ASTA (728- 729) 1187
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	8957.2|	-121.7|	0.0|	15603.5|	0.6|	75.0|
| 6- 1|	8914.2|	-51.0|	0.0|	15280.2|	0.3|	75.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	701.3|	0.0|	0.0|	701.3|
| 5- 1|si| 5| Tz |	529.3|	3.0|	0.0|	529.3|
| 6- 1|si| 9| Ty |	601.3|	0.0|	-14.9|	601.8|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	10690.7|	-136.9|	0.0|	15603.5|	0.6|	68.7|
| 6- 1|	10660.0|	-57.4|	0.0|	15280.2|	0.3|	69.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	717.9|	0.0|	0.0|	717.9|
| 5- 1|si| 5| Tz |	512.9|	2.8|	0.0|	512.9|
| 6- 1|si| 9| Ty |	601.3|	0.0|	-13.7|	601.7|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12274.0|	-152.1|	0.0|	15603.5|	0.6|	62.5|
| 6- 1|	12255.6|	-63.8|	0.0|	15280.2|	0.3|	63.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	733.2|	0.0|	0.0|	733.2|
| 5- 1|si| 5| Tz |	498.0|	2.5|	0.0|	498.0|
| 6- 1|si| 9| Ty |	601.3|	0.0|	-12.4|	601.7|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	13707.0|	-167.3|	0.0|	15603.5|	0.6|	56.3|
| 6- 1|	13700.9|	-70.2|	0.0|	15280.2|	0.3|	56.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	747.0|	0.0|	0.0|	747.0|
| 5- 1|si| 5| Tz |	484.4|	2.3|	0.0|	484.5|
| 6- 1|si| 9| Ty |	601.3|	0.0|	-11.2|	601.6|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14989.7|	-182.5|	0.0|	15603.5|	0.6|	50.1|
| 6- 1|	14996.0|	-76.5|	0.0|	15280.2|	0.3|	50.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	759.4|	0.0|	0.0|	759.4|
| 5- 1|si| 5| Tz |	472.3|	2.0|	0.0|	472.3|
| 6- 1|si| 9| Ty |	601.3|	0.0|	-10.0|	601.5|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	16122.1|	-197.7|	0.0|	15603.5|	0.6|	43.8|
| 6- 1|	16140.7|	-82.9|	0.0|	15280.2|	0.3|	44.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	770.4|	0.0|	0.0|	770.4|
| 5- 1|si| 5| Tz |	461.6|	1.8|	0.0|	461.6|
| 6- 1|si| 9| Ty |	601.3|	0.0|	-8.7|	601.4|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	17104.3|	-212.9|	0.0|	15603.5|	0.6|	37.6|
| 6- 1|	17135.2|	-89.3|	0.0|	15280.2|	0.3|	38.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	780.0|	0.0|	0.0|	780.0|
| 5- 1|si| 5| Tz |	452.3|	1.5|	0.0|	452.3|
| 6- 1|si| 9| Ty |	601.2|	0.0|	-7.5|	601.4|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	17936.3|	-228.1|	0.0|	15603.5|	0.6|	31.4|
| 6- 1|	17979.5|	-95.7|	0.0|	15280.2|	0.3|	31.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	788.2|	0.0|	0.0|	788.2|
| 5- 1|si| 5| Tz |	444.4|	1.3|	0.0|	444.4|
| 6- 1|si| 9| Ty |	601.2|	0.0|	-6.3|	601.3|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18617.9|	-243.4|	0.0|	15603.5|	0.6|	25.1|
| 6- 1|	18673.4|	-102.0|	0.0|	15280.2|	0.3|	25.7|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 3|	Sx Si	| 795.0|	| 0.0|	| 0.0|	| 795.0|	
| 5- 1|	|si| 5|	Tz	| 437.9|	| 1.0|	| 0.0|	| 437.9|	
| 6- 1|	|si| 9|	Ty	| 601.2|	| 0.0|	| -5.1|	| 601.3|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
P_HEA120_S011 (11) stato limite ultimo - ASTA (730- 731) 1188							

SOLLECITAZIONI : PROGR. 0.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	10532.3|	213.4|	0.0|	16845.0|	-1.1|	66.9|	
| 6- 1|	10456.5|	275.2|	0.0|	16712.2|	-1.4|	67.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 767.3|	| 0.0|	| 0.0|	| 767.3|	
| 6- 1|	|si| 6|	Tz	| 557.9|	| -2.8|	| 0.0|	| 557.9|	
| 6- 1|	|si| 9|	Ty	| 658.0|	| 0.0|	| -13.2|	| 658.4|	

SOLLECITAZIONI : PROGR. 24.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	12071.1|	240.1|	0.0|	16845.0|	-1.1|	60.7|	
| 6- 1|	12001.1|	309.7|	0.0|	16712.2|	-1.4|	60.9|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 782.4|	| 0.0|	| 0.0|	| 782.4|	
| 6- 1|	|si| 6|	Tz	| 543.2|	| -2.5|	| 0.0|	| 543.2|	
| 6- 1|	|si| 9|	Ty	| 658.0|	| 0.0|	| -12.0|	| 658.4|	

SOLLECITAZIONI : PROGR. 48.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	13459.6|	266.8|	0.0|	16845.0|	-1.1|	54.4|	
| 6- 1|	13395.4|	344.1|	0.0|	16712.2|	-1.4|	54.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 796.1|	| 0.0|	| 0.0|	| 796.1|	
| 6- 1|	|si| 6|	Tz	| 529.9|	| -2.3|	| 0.0|	| 529.9|	
| 6- 1|	|si| 9|	Ty	| 658.1|	| 0.0|	| -10.8|	| 658.3|	

SOLLECITAZIONI : PROGR. 72.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	14697.8|	293.5|	0.0|	16845.0|	-1.1|	48.2|	
| 6- 1|	14639.4|	378.5|	0.0|	16712.2|	-1.4|	48.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 808.4|	| 0.0|	| 0.0|	| 808.4|	
| 6- 1|	|si| 6|	Tz	| 518.0|	| -2.0|	| 0.0|	| 518.0|	
| 6- 1|	|si| 9|	Ty	| 658.1|	| 0.0|	| -9.6|	| 658.3|	

SOLLECITAZIONI : PROGR. 96.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	15785.8|	320.1|	0.0|	16845.0|	-1.1|	42.0|	
| 6- 1|	15733.1|	412.9|	0.0|	16712.2|	-1.4|	42.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 819.3|	| 0.0|	| 0.0|	| 819.3|	
| 6- 1|	|si| 6|	Tz	| 507.5|	| -1.8|	| 0.0|	| 507.5|	
| 6- 1|	|si| 9|	Ty	| 658.1|	| 0.0|	| -8.3|	| 658.3|	

SOLLECITAZIONI : PROGR. 121.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	16723.5|	346.8|	0.0|	16845.0|	-1.1|	35.8|	
| 6- 1|	16676.6|	447.3|	0.0|	16712.2|	-1.4|	36.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 828.8|	| 0.0|	| 0.0|	| 828.8|	
| 6- 1|	|si| 6|	Tz	| 498.5|	| -1.5|	| 0.0|	| 498.5|	
| 6- 1|	|si| 9|	Ty	| 658.2|	| 0.0|	| -7.1|	| 658.3|	

SOLLECITAZIONI : PROGR. 145.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	17511.0|	373.5|	0.0|	16845.0|	-1.1|	29.5|	
| 6- 1|	17469.8|	481.7|	0.0|	16712.2|	-1.4|	29.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 836.9|	| 0.0|	| 0.0|	| 836.9|	
| 6- 1|	|si| 6|	Tz	| 490.8|	| -1.3|	| 0.0|	| 490.8|	
| 6- 1|	|si| 9|	Ty	| 658.2|	| 0.0|	| -5.9|	| 658.3|	

SOLLECITAZIONI : PROGR. 169.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	18148.2|	400.2|	0.0|	16845.0|	-1.1|	23.3|	
| 6- 1|	18112.7|	516.1|	0.0|	16712.2|	-1.4|	23.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 843.6|	| 0.0|	| 0.0|	| 843.6|	
| 6- 1|	|si| 6|	Tz	| 484.5|	| -1.0|	| 0.0|	| 484.6|	
| 6- 1|	|si| 9|	Ty	| 658.3|	| 0.0|	| -4.6|	| 658.3|	

SOLLECITAZIONI : PROGR. 193.							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	18635.1|	426.9|	0.0|	16845.0|	-1.1|	17.1|	
| 6- 1|	18605.4|	550.5|	0.0|	16712.2|	-1.4|	17.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx Si	| 848.8|	| 0.0|	| 0.0|	| 848.8|	
| 6- 1|	|si| 6|	Tz	| 479.7|	| -0.8|	| 0.0|	| 479.7|	
| 6- 1|	|si| 9|	Ty	| 658.3|	| 0.0|	| -3.4|	| 658.3|	

Copertura area carburante - Relazione di calcolo

 VERIFICA STABILITA' :asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (729- 733) 1190
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 18617.9| -243.4| 0.0| 31498.1| -3.0| 44.7|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1420.6	0.0	0.0	1420.6
5- 1	si	6	Tz		1066.5	-2.0	0.0	1066.5
5- 1	si	9	Ty		1239.3	0.0	-8.8	1239.4
 ----- PROGR. 24.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 19621.6| -170.8| 0.0| 31498.1| -3.0| 38.5|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1428.1	0.0	0.0	1428.1
5- 1	si	6	Tz		1056.6	-1.7	0.0	1056.6
5- 1	si	9	Ty		1239.4	0.0	-7.6	1239.5
 ----- PROGR. 48.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 20475.0| -98.2| 0.0| 31498.1| -3.0| 32.3|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1434.2	0.0	0.0	1434.2
5- 1	si	6	Tz		1048.1	-1.5	0.0	1048.1
5- 1	si	9	Ty		1239.5	0.0	-6.4	1239.5
 ----- PROGR. 72.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 21178.1| -25.6| 0.0| 31498.1| -3.0| 26.0|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1438.9	0.0	0.0	1438.9
5- 1	si	6	Tz		1041.1	-1.3	0.0	1041.1
5- 1	si	9	Ty		1239.6	0.0	-5.1	1239.6
 ----- PROGR. 96.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 21730.9| 47.0| 0.0| 31498.1| -3.0| 19.8|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1444.7	0.0	0.0	1444.7
5- 1	si	6	Tz		1035.4	-1.0	0.0	1035.4
5- 1	si	9	Ty		1239.6	0.0	-3.9	1239.7
 ----- PROGR. 121.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 22133.5| 119.5| 0.0| 31498.1| -3.0| 13.6|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1450.3	0.0	0.0	1450.3
5- 1	si	6	Tz		1031.2	-0.8	0.0	1031.2
5- 1	si	9	Ty		1239.7	0.0	-2.7	1239.7
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22385.8	192.1	0.0	31498.1	-3.0	7.3
8- 2	4598.1	20.1	0.0	6505.3	-1.5	-10.4
7- 2	4595.4	53.0	0.0	6367.5	-0.1	-11.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1454.6	0.0
8- 2	si	5	Tz		213.0	-0.5
7- 2	si	9	Ty		250.6	0.0
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22487.9	264.7	0.0	31498.1	-3.0	1.1
8- 2	4272.2	56.1	0.0	6505.3	-1.5	-16.6
7- 2	4253.6	55.3	0.0	6367.5	-0.1	-17.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1457.4	0.0
8- 2	si	5	Tz		216.3	-0.8
7- 2	si	9	Ty		250.7	0.0
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22439.6	337.3	0.0	31498.1	-3.0	-5.1
8- 2	3796.1	92.1	0.0	6505.3	-1.5	-22.9
7- 2	3761.6	57.5	0.0	6367.5	-0.1	-23.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1458.8	0.0
8- 2	si	5	Tz		221.0	-1.0
7- 2	si	9	Ty		250.7	0.0

 VERIFICA STABILITA' :asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (731- 734) 1191
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 5- 1 |	18635.1 |	426.9 |	0.0 |	27661.5 |	-0.1 |	37.1 |
| 6- 1 |	18605.4 |	550.5 |	0.0 |	27551.2 |	0.6 |	37.4 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1274.5 |	0.0 |	0.0 |	1274.5 |
| 6- 1|si| 5| Tz |		913.2 |	1.5 |	0.0 |	913.2 |
| 6- 1|si| 9| Ty |		1084.9 |	0.0 |	-7.4 |	1084.9 |

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	19455.3 |	429.5 |	0.0 |	27661.5 |	-0.1 |	30.9 |
| 6- 1 |	19433.0 |	536.5 |	0.0 |	27551.2 |	0.6 |	31.2 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1282.3 |	0.0 |	0.0 |	1282.3 |
| 6- 1|si| 5| Tz |		905.3 |	1.3 |	0.0 |	905.3 |
| 6- 1|si| 9| Ty |		1084.8 |	0.0 |	-6.2 |	1084.9 |

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	20125.3 |	432.1 |	0.0 |	27661.5 |	-0.1 |	24.7 |
| 6- 1 |	20110.4 |	522.5 |	0.0 |	27551.2 |	0.6 |	25.0 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1288.6 |	0.0 |	0.0 |	1288.6 |
| 6- 1|si| 5| Tz |		898.9 |	1.0 |	0.0 |	898.9 |
| 6- 1|si| 9| Ty |		1084.8 |	0.0 |	-4.9 |	1084.9 |

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	20645.0 |	434.8 |	0.0 |	27661.5 |	-0.1 |	18.4 |
| 6- 1 |	20637.5 |	508.6 |	0.0 |	27551.2 |	0.6 |	18.7 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1293.6 |	0.0 |	0.0 |	1293.6 |
| 6- 1|si| 5| Tz |		893.9 |	0.8 |	0.0 |	893.9 |
| 6- 1|si| 9| Ty |		1084.8 |	0.0 |	-3.7 |	1084.8 |

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	21014.4 |	437.4 |	0.0 |	27661.5 |	-0.1 |	12.2 |
| 6- 1 |	21014.4 |	494.6 |	0.0 |	27551.2 |	0.6 |	12.5 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1297.1 |	0.0 |	0.0 |	1297.1 |
| 6- 1|si| 5| Tz |		890.2 |	0.5 |	0.0 |	890.2 |
| 6- 1|si| 9| Ty |		1084.8 |	0.0 |	-2.5 |	1084.8 |

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	21233.6 |	440.0 |	0.0 |	27661.5 |	-0.1 |	6.0 |
| 7- 2 |	4591.3 |	157.3 |	0.0 |	5627.7 |	0.8 |	-7.1 |
| 8- 2 |	4579.1 |	89.7 |	0.0 |	5811.5 |	-0.4 |	-7.6 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1299.2 |	0.0 |	0.0 |	1299.2 |
| 7- 2|si| 6| Tz |		177.4 |	0.3 |	0.0 |	177.4 |
| 8- 2|si| 9| Ty |		228.8 |	0.0 |	1.5 |	228.8 |

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	21302.5 |	442.7 |	0.0 |	27661.5 |	-0.1 |	-0.3 |
| 7- 2 |	4344.4 |	139.1 |	0.0 |	5627.7 |	0.8 |	-13.4 |
| 8- 2 |	4319.8 |	99.2 |	0.0 |	5811.5 |	-0.4 |	-13.9 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1299.9 |	0.0 |	0.0 |	1299.9 |
| 7- 2|si| 6| Tz |		179.8 |	0.6 |	0.0 |	179.9 |
| 8- 2|si| 9| Ty |		228.8 |	0.0 |	2.7 |	228.9 |

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	21221.1 |	445.3 |	0.0 |	27661.5 |	-0.1 |	-6.5 |
| 7- 2 |	3947.2 |	120.9 |	0.0 |	5627.7 |	0.8 |	-19.6 |
| 8- 2 |	3910.3 |	108.7 |	0.0 |	5811.5 |	-0.4 |	-20.1 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1299.2 |	0.0 |	0.0 |	1299.2 |
| 7- 2|si| 6| Tz |		183.7 |	0.8 |	0.0 |	183.7 |
| 8- 2|si| 9| Ty |		228.8 |	0.0 |	4.0 |	228.9 |

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	20989.5 |	447.9 |	0.0 |	27661.5 |	-0.1 |	-12.7 |
| 7- 2 |	3399.7 |	102.7 |	0.0 |	5627.7 |	0.8 |	-25.8 |
| 8- 2 |	3350.4 |	118.1 |	0.0 |	5811.5 |	-0.4 |	-26.3 |

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1297.1 |	0.0 |	0.0 |	1297.1 |
| 7- 2|si| 6| Tz |		188.9 |	1.1 |	0.0 |	188.9 |
| 8- 2|si| 9| Ty |		228.8 |	0.0 |	5.2 |	229.0 |

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (733- 736) 1193
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	22439.6 |	337.3 |	0.0 |	39118.9 |	-3.0 |	1.9 |

Copertura area carburante - Relazione di calcolo

| 8- 2|	3796.1|	92.1|	0.0|	7995.0|	-1.5|	20.8|
| 7- 2|	3761.6|	57.5|	0.0|	7847.5|	-0.1|	21.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1758.8|	0.0|	0.0|	1758.8|
| 8- 2|si| 6| Tz |	|	278.4|	-0.9|	0.0|	278.5|
| 7- 2|si| 9| Ty |	|	308.9|	0.0|	-4.2|	309.0|

PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	22410.5|	409.9|	0.0|	39118.9|	-3.0|	-4.3|
| 8- 2|	4223.4|	128.2|	0.0|	7995.0|	-1.5|	14.6|
| 7- 2|	4199.7|	59.8|	0.0|	7847.5|	-0.1|	15.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1760.4|	0.0|	0.0|	1760.4|
| 8- 2|si| 6| Tz |	|	274.2|	-0.7|	0.0|	274.2|
| 7- 2|si| 9| Ty |	|	308.9|	0.0|	-3.0|	308.9|

PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	22231.0|	482.4|	0.0|	39118.9|	-3.0|	-10.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1760.6|	0.0|	0.0|	1760.6|
| 5- 1|si| 5| Tz |	|	1334.0|	-0.6|	0.0|	1334.0|
| 5- 1|si| 9| Ty |	|	1540.0|	0.0|	2.1|	1540.0|

PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	21901.3|	555.0|	0.0|	39118.9|	-3.0|	-16.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1759.4|	0.0|	0.0|	1759.4|
| 5- 1|si| 5| Tz |	|	1337.5|	-0.9|	0.0|	1337.5|
| 5- 1|si| 9| Ty |	|	1540.1|	0.0|	3.3|	1540.1|

PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	21421.3|	627.6|	0.0|	39118.9|	-3.0|	-23.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1756.7|	0.0|	0.0|	1756.7|
| 5- 1|si| 5| Tz |	|	1342.5|	-1.1|	0.0|	1342.5|
| 5- 1|si| 9| Ty |	|	1540.2|	0.0|	4.5|	1540.2|

PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	20791.1|	700.2|	0.0|	39118.9|	-3.0|	-29.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1752.7|	0.0|	0.0|	1752.7|
| 5- 1|si| 5| Tz |	|	1348.9|	-1.4|	0.0|	1348.9|
| 5- 1|si| 9| Ty |	|	1540.3|	0.0|	5.8|	1540.3|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	20010.5|	772.8|	0.0|	39118.9|	-3.0|	-35.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1747.3|	0.0|	0.0|	1747.3|
| 5- 1|si| 5| Tz |	|	1356.6|	-1.6|	0.0|	1356.6|
| 5- 1|si| 9| Ty |	|	1540.3|	0.0|	7.0|	1540.4|

PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19079.8|	845.3|	0.0|	39118.9|	-3.0|	-41.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1740.4|	0.0|	0.0|	1740.4|
| 5- 1|si| 5| Tz |	|	1365.8|	-1.9|	0.0|	1365.8|
| 5- 1|si| 9| Ty |	|	1540.4|	0.0|	8.2|	1540.5|

PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	17998.7|	917.9|	0.0|	39118.9|	-3.0|	-47.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1732.2|	0.0|	0.0|	1732.2|
| 5- 1|si| 5| Tz |	|	1376.4|	-2.1|	0.0|	1376.4|
| 5- 1|si| 9| Ty |	|	1540.5|	0.0|	9.5|	1540.6|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (734- 737) 1194

TENSIONI (Sz= 0.00) :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	21019.1|	438.7|	0.0|	35623.2|	0.6|	6.4|
| 7- 2|	3399.7|	102.7|	0.0|	7345.2|	0.8|	24.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si |	1610.5|	0.0|	0.0|	1610.5|
| 7- 2|si| 5| Tz |	|	257.8|	1.0|	0.0|	257.8|
| 7- 2|si| 9| Ty |	|	289.2|	0.0|	-4.7|	289.3|

PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	21098.4|	424.7|	0.0|	35623.2|	0.6|	0.2|

Copertura area carburante - Relazione di calcolo

```

| 7- 2|      3904.3|      84.5|      0.0| 7345.2|      0.8| 17.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si| 1610.9| 0.0| 0.0| 1610.9|
| 7- 2|si| 5| Tz | 253.0| 0.8| 0.0| 253.0|
| 7- 2|si| 9| Ty | 289.2| 0.0| -3.5| 289.2|
-----
PROGR. 48.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 20977.7| 453.2| 0.0| 35611.8| -0.1| -6.5|
| 7- 2| 4258.5| 66.3| 0.0| 7345.2| 0.8| 11.6|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1610.0| 0.0| 0.0| 1610.0|
| 7- 2|si| 5| Tz | 249.5| 0.5| 0.0| 249.5|
| 7- 2|si| 9| Ty | 289.1| 0.0| -2.3| 289.2|
-----
PROGR. 72.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 20746.4| 455.8| 0.0| 35611.8| -0.1| -12.7|
| 6- 1| 20806.2| 396.7| 0.0| 35623.2| 0.6| -12.3|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1607.9| 0.0| 0.0| 1607.9|
| 6- 1|si| 6| Tz | 1204.3| 0.5| 0.0| 1204.3|
| 5- 1|si| 9| Ty | 1402.0| 0.0| 2.5| 1402.0|
-----
PROGR. 96.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 20364.8| 458.5| 0.0| 35611.8| -0.1| -18.9|
| 6- 1| 20434.7| 382.7| 0.0| 35623.2| 0.6| -18.5|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1604.4| 0.0| 0.0| 1604.4|
| 6- 1|si| 6| Tz | 1207.8| 0.8| 0.0| 1207.8|
| 5- 1|si| 9| Ty | 1402.0| 0.0| 3.7| 1402.0|
-----
PROGR. 121.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19832.9| 461.1| 0.0| 35611.8| -0.1| -25.2|
| 6- 1| 19913.0| 368.8| 0.0| 35623.2| 0.6| -24.7|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1599.5| 0.0| 0.0| 1599.5|
| 6- 1|si| 6| Tz | 1212.8| 1.0| 0.0| 1212.8|
| 5- 1|si| 9| Ty | 1402.0| 0.0| 5.0| 1402.0|
-----
PROGR. 145.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19150.8| 463.7| 0.0| 35611.8| -0.1| -31.4|
| 6- 1| 19241.0| 354.8| 0.0| 35623.2| 0.6| -31.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1593.2| 0.0| 0.0| 1593.2|
| 6- 1|si| 6| Tz | 1219.2| 1.3| 0.0| 1219.2|
| 5- 1|si| 9| Ty | 1402.0| 0.0| 6.2| 1402.0|
-----
PROGR. 169.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18318.4| 466.4| 0.0| 35611.8| -0.1| -37.6|
| 6- 1| 18418.7| 340.8| 0.0| 35623.2| 0.6| -37.2|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1585.4| 0.0| 0.0| 1585.4|
| 6- 1|si| 6| Tz | 1227.0| 1.5| 0.0| 1227.0|
| 5- 1|si| 9| Ty | 1402.0| 0.0| 7.4| 1402.0|
-----
PROGR. 193.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17335.8| 469.0| 0.0| 35611.8| -0.1| -43.8|
| 6- 1| 17446.1| 326.8| 0.0| 35623.2| 0.6| -43.4|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1576.3| 0.0| 0.0| 1576.3|
| 6- 1|si| 6| Tz | 1236.2| 1.8| 0.0| 1236.2|
| 5- 1|si| 9| Ty | 1402.0| 0.0| 8.6| 1402.1|
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 736- 739) 1196
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PROGR. 0.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17998.7| 917.9| 0.0| 39389.5| 4.4| 48.7|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1742.8| 0.0| 0.0| 1742.8|
| 5- 1|si| 5| Tz | 1387.1| 2.3| 0.0| 1387.1|
| 5- 1|si| 9| Ty | 1551.1| 0.0| -9.6| 1551.2|
-----
PROGR. 24.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19099.3| 811.8| 0.0| 39389.5| 4.4| 42.5|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 1750.4| 0.0| 0.0| 1750.4|
| 5- 1|si| 5| Tz | 1376.1| 2.0| 0.0| 1376.1|
| 5- 1|si| 9| Ty | 1551.0| 0.0| -8.4| 1551.1|
-----
PROGR. 48.

```

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 20049.6 | 705.7 | 0.0 | 39389.5 | 4.4 | 36.3 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1756.6	0.0	0.0	1756.6
5- 1	si	5	Tz		1366.5	1.8	0.0	1366.5
5- 1	si	9	Ty		1550.9	0.0	-7.2	1551.0

72.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 20849.6 | 599.6 | 0.0 | 39389.5 | 4.4 | 30.0 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1761.3	0.0	0.0	1761.3
5- 1	si	5	Tz		1358.3	1.5	0.0	1358.3
5- 1	si	9	Ty		1550.8	0.0	-5.9	1550.8

96.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 21499.4 | 493.5 | 0.0 | 39389.5 | 4.4 | 23.8 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1764.6	0.0	0.0	1764.6
5- 1	si	5	Tz		1351.6	1.3	0.0	1351.6
5- 1	si	9	Ty		1550.7	0.0	-4.7	1550.7

121.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 21998.9 | 387.3 | 0.0 | 39389.5 | 4.4 | 17.6 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1766.6	0.0	0.0	1766.6
5- 1	si	5	Tz		1346.2	1.0	0.0	1346.2
5- 1	si	9	Ty		1550.6	0.0	-3.5	1550.6

145.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 22348.1 | 281.2 | 0.0 | 39389.5 | 4.4 | 11.4 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1767.1	0.0	0.0	1767.1
5- 1	si	5	Tz		1342.3	0.8	0.0	1342.3
5- 1	si	9	Ty		1550.5	0.0	-2.2	1550.5

169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22547.0	175.1	0.0	39389.5	4.4	5.1
8- 2	4228.5	110.2	0.0	8049.8	1.6	-14.6
7- 2	4164.6	-52.2	0.0	7863.7	0.8	-15.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1766.2	0.0
8- 2	si	6	Tz		276.4	0.7
7- 2	si	9	Ty		309.4	0.0

193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22595.7	69.0	0.0	39389.5	4.4	-1.1
8- 2	3801.8	71.6	0.0	8049.8	1.6	-20.8
7- 2	3721.5	-70.4	0.0	7863.7	0.8	-21.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1763.9	0.0
8- 2	si	6	Tz		280.7	0.9
7- 2	si	9	Ty		309.4	0.0

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (737- 740) 1197
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 17335.8 | 469.0 | 0.0 | 33462.5 | 0.1 | 37.6 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1491.7	0.0	0.0	1491.7
5- 1	si	5	Tz		1157.2	1.5	0.0	1157.2
5- 1	si	9	Ty		1317.4	0.0	-7.4	1317.5

24.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 18167.4 | 465.4 | 0.0 | 33462.5 | 0.1 | 31.4 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1499.4	0.0	0.0	1499.4
5- 1	si	5	Tz		1149.4	1.3	0.0	1149.4
5- 1	si	9	Ty		1317.4	0.0	-6.2	1317.4

48.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 18848.7 | 461.8 | 0.0 | 33462.5 | 0.1 | 25.1 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1505.7	0.0	0.0	1505.7
5- 1	si	5	Tz		1143.0	1.0	0.0	1143.0
5- 1	si	9	Ty		1317.4	0.0	-5.0	1317.4

72.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19379.7|	458.2|	0.0|	33462.5|	0.1|	18.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si	1510.6|	0.0|	0.0|	1510.6|
5- 1|si| 5|	Tz			1138.0|	0.8|	0.0|	1138.0|
5- 1|si| 9|	Ty			1317.4|	0.0|	-3.7|	1317.4|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19760.5|	454.6|	0.0|	33462.5|	0.1|	12.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si	1514.1|	0.0|	0.0|	1514.1|
5- 1|si| 5|	Tz			1134.4|	0.5|	0.0|	1134.4|
5- 1|si| 9|	Ty			1317.4|	0.0|	-2.5|	1317.4|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19991.0|	451.0|	0.0|	33462.5|	0.1|	6.4|
12- 5|	4612.4|	37.4|	0.0|	7661.7|	-1.8|	-4.7|
7- 2|	4324.7|	-35.3|	0.0|	6536.7|	-0.1|	-6.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si	1516.1|	0.0|	0.0|	1516.1|
12- 5|si| 5|	Tz			258.5|	-0.3|	0.0|	258.5|
7- 2|si| 9|	Ty			257.2|	0.0|	1.3|	257.2|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	20071.2|	447.3|	0.0|	33462.5|	0.1|	0.2|
7- 2|	4093.1|	-33.8|	0.0|	6536.7|	-0.1|	-12.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si	1516.8|	0.0|	0.0|	1516.8|
7- 2|si| 5|	Tz			218.6|	-0.5|	0.0|	218.6|
7- 2|si| 9|	Ty			257.2|	0.0|	2.5|	257.2|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	20001.1|	443.7|	0.0|	33462.5|	0.1|	-6.0|
7- 2|	3711.3|	-32.3|	0.0|	6536.7|	-0.1|	-18.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si	1516.0|	0.0|	0.0|	1516.0|
7- 2|si| 5|	Tz			222.2|	-0.8|	0.0|	222.2|
7- 2|si| 9|	Ty			257.2|	0.0|	3.7|	257.3|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19780.8|	440.1|	0.0|	33462.5|	0.1|	-12.2|
7- 2|	3179.2|	-30.8|	0.0|	6536.7|	-0.1|	-25.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si	1513.9|	0.0|	0.0|	1513.9|
7- 2|si| 5|	Tz			227.2|	-1.0|	0.0|	227.2|
7- 2|si| 9|	Ty			257.2|	0.0|	5.0|	257.4|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEA120_S011 (11) stato limite ultimo - ASTA (739- 742) 1199
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	22595.7|	69.0|	0.0|	32063.0|	4.4|	4.2|
8- 2|	3801.8|	71.6|	0.0|	6616.5|	1.6|	23.4|
7- 2|	3721.5|	-70.4|	0.0|	6418.4|	0.8|	23.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si	1475.6|	0.0|	0.0|	1475.6|
8- 2|si| 5|	Tz			225.2|	1.0|	0.0|	225.2|
7- 2|si| 9|	Ty			252.5|	0.0|	-4.7|	252.6|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	22622.6|	-37.1|	0.0|	32063.0|	4.4|	-2.0|
8- 2|	4290.7|	33.0|	0.0|	6616.5|	1.6|	17.2|
7- 2|	4215.4|	-88.7|	0.0|	6418.4|	0.8|	17.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx			Si	1475.0|	0.0|	0.0|	1475.0|
8- 2|si| 5|	Tz			220.3|	0.8|	0.0|	220.4|
7- 2|si| 9|	Ty			252.5|	0.0|	-3.4|	252.6|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	22499.1|	-143.2|	0.0|	32063.0|	4.4|	-8.2|
7- 2|	4559.1|	-106.9|	0.0|	6418.4|	0.8|	11.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx			Si	1476.6|	0.0|	0.0|	1476.6|
5- 1|si| 6|	Tz			1051.7|	0.6|	0.0|	1051.7|
7- 2|si| 9|	Ty			252.5|	0.0|	-2.2|	252.5|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	22225.5|	-249.3|	0.0|	32063.0|	4.4|	-14.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx			Si	1476.6|	0.0|	0.0|	1476.6|
5- 1|si| 6|	Tz			1051.7|	0.6|	0.0|	1051.7|
7- 2|si| 9|	Ty			252.5|	0.0|	-2.2|	252.5|

Copertura area carburante - Relazione di calcolo

|	5-	1|si|	3|Sx	Si|	1476.8|	0.0|	0.0|	1476.8|	
|	5-	1|si|	6|	Tz	|	1054.9|	0.9|	0.0|	1054.9|
|	5-	1|si|	9|	Ty	|	1261.5|	0.0|	2.9|	1261.6|

PROGR.

96.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	21801.5|		-355.5|		0.0|		32063.0|		4.4|			-20.7|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	3|Sx	Si|		1475.6|		0.0|		0.0|		1475.6|	
|	5- 1|si|	6|	Tz	|	1059.5|		1.1|		0.0|		1059.5|	
|	5- 1|si|	9|	Ty	|	1261.4|		0.0|		4.1|		1261.5|	

PROGR.

121.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	21227.3|		-461.6|		0.0|		32063.0|		4.4|			-26.9|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	3|Sx	Si|		1472.9|		0.0|		0.0|		1472.9|	
|	5- 1|si|	6|	Tz	|	1065.6|		1.4|		0.0|		1065.6|	
|	5- 1|si|	9|	Ty	|	1261.3|		0.0|		5.3|		1261.4|	

PROGR.

145.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	20502.8|		-567.7|		0.0|		32063.0|		4.4|			-33.1|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	3|Sx	Si|		1468.9|		0.0|		0.0|		1468.9|	
|	5- 1|si|	6|	Tz	|	1073.1|		1.6|		0.0|		1073.1|	
|	5- 1|si|	9|	Ty	|	1261.2|		0.0|		6.5|		1261.3|	

PROGR.

169.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	19628.0|		-673.8|		0.0|		32063.0|		4.4|			-39.4|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	3|Sx	Si|		1463.4|		0.0|		0.0|		1463.4|	
|	5- 1|si|	6|	Tz	|	1081.9|		1.9|		0.0|		1081.9|	
|	5- 1|si|	9|	Ty	|	1261.1|		0.0|		7.8|		1261.2|	

PROGR.

193.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	18603.0|		-779.9|		0.0|		32063.0|		4.4|			-45.6|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	3|Sx	Si|		1456.6|		0.0|		0.0|		1456.6|	
|	5- 1|si|	6|	Tz	|	1092.2|		2.1|		0.0|		1092.2|	
|	5- 1|si|	9|	Ty	|	1261.0|		0.0|		9.0|		1261.1|	

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11)	stato limite ultimo	- ASTA (740- 743)	1200
			0.

PROGR.

0.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	19780.8|		440.1|		0.0|		25800.8|		0.1|			10.2|
|	8- 2|	3134.4|		138.7|		0.0|		5091.4|		0.3|			24.6|
|	7- 2|	3179.2|		-30.8|		0.0|		5159.5|		-0.1|			25.0|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	4|Sx	Si|		1212.4|		0.0|		0.0|		1212.4|	
|	8- 2|si|	5|	Tz	|	171.8|		1.0|		0.0|		171.8|	
|	7- 2|si|	9|	Ty	|	203.0|		0.0|		-4.9|		203.2|	

PROGR.

24.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	19951.8|		436.5|		0.0|		25800.8|		0.1|			4.0|
|	8- 2|	3652.1|		131.7|		0.0|		5091.4|		0.3|			18.3|
|	7- 2|	3706.1|		-29.2|		0.0|		5159.5|		-0.1|			18.7|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	4|Sx	Si|		1213.9|		0.0|		0.0|		1213.9|	
|	8- 2|si|	5|	Tz	|	166.9|		0.7|		0.0|		166.9|	
|	7- 2|si|	9|	Ty	|	203.0|		0.0|		-3.7|		203.1|	

PROGR.

48.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	19972.5|		432.9|		0.0|		25800.8|		0.1|			-2.3|
|	8- 2|	4019.5|		124.8|		0.0|		5091.4|		0.3|			12.1|
|	7- 2|	4082.7|		-27.7|		0.0|		5159.5|		-0.1|			12.5|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	4|Sx	Si|		1214.0|		0.0|		0.0|		1214.0|	
|	8- 2|si|	5|	Tz	|	163.4|		0.5|		0.0|		163.4|	
|	7- 2|si|	9|	Ty	|	203.0|		0.0|		-2.5|		203.1|	

PROGR.

72.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	19842.9|		429.3|		0.0|		25800.8|		0.1|			-8.5|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	4|Sx	Si|		1212.7|		0.0|		0.0|		1212.7|	
|	5- 1|si|	6|	Tz	|	826.5|		0.3|		0.0|		826.5|	
|	5- 1|si|	9|	Ty	|	1015.8|		0.0|		1.7|		1015.8|	

PROGR.

96.

SOLLECITAZIONI :

|	Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	19563.1|		425.7|		0.0|		25800.8|		0.1|			-14.7|

TENSIONI (Sz= 0.00) :

|	Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5- 1|si|	4|Sx	Si|		1212.7|		0.0|		0.0|		1212.7|	
|	5- 1|si|	6|	Tz	|	826.5|		0.3|		0.0|		826.5|	
|	5- 1|si|	9|	Ty	|	1015.8|		0.0|		1.7|		1015.8|	

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	1209.9	0.0	0.0
5-1	si	6	Tz		829.2	0.6	0.0
5-1	si	9	Ty		1015.8	0.0	2.9

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19187.6	345.8	0.0	25841.7	-0.1	-20.7
5-1	19133.0	422.1	0.0	25800.8	0.1	-20.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	1206.0	0.0	0.0
5-1	si	6	Tz		833.2	0.8	0.0
5-1	si	9	Ty		1015.8	0.0	4.1

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18612.8	347.2	0.0	25841.7	-0.1	-26.9
5-1	18552.6	418.5	0.0	25800.8	0.1	-27.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	1200.6	0.0	0.0
5-1	si	6	Tz		838.7	1.1	0.0
5-1	si	9	Ty		1015.8	0.0	5.4

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	17887.7	348.7	0.0	25841.7	-0.1	-33.2
5-1	17822.0	414.9	0.0	25800.8	0.1	-33.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	1193.8	0.0	0.0
5-1	si	6	Tz		845.6	1.3	0.0
5-1	si	9	Ty		1015.8	0.0	6.6

PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	17012.3	350.2	0.0	25841.7	-0.1	-39.4
5-1	16941.1	411.3	0.0	25800.8	0.1	-39.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	1185.7	0.0	0.0
5-1	si	6	Tz		853.9	1.6	0.0
5-1	si	9	Ty		1015.8	0.0	7.8

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (742- 745) 1202
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	18603.0	-779.9	0.0	15923.4	-2.0	-24.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	Si	821.4	0.0	0.0
5-1	si	5	Tz		447.3	-1.1	0.0
5-1	si	9	Ty		625.8	0.0	4.9

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	17930.8	-731.2	0.0	15923.4	-2.0	-31.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	Si	813.9	0.0	0.0
5-1	si	5	Tz		453.9	-1.4	0.0
5-1	si	9	Ty		625.9	0.0	6.1

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	17108.4	-682.4	0.0	15923.4	-2.0	-37.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	Si	804.9	0.0	0.0
5-1	si	5	Tz		461.9	-1.6	0.0
5-1	si	9	Ty		625.9	0.0	7.3

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	16135.7	-633.7	0.0	15923.4	-2.0	-43.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	Si	794.5	0.0	0.0
5-1	si	5	Tz		471.3	-1.9	0.0
5-1	si	9	Ty		626.0	0.0	8.6

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	15012.8	-584.9	0.0	15923.4	-2.0	-49.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	Si	782.7	0.0	0.0
5-1	si	5	Tz		482.2	-2.1	0.0
5-1	si	9	Ty		626.0	0.0	9.8

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	13739.5	-536.2	0.0	15923.4	-2.0	-55.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

5- 1 si 3 Sx	Si	769.5	0.0	0.0	769.5	
| 5- 1|si| 5| Tz		494.4|	-2.4|	0.0|	494.4|	
| 5- 1|si| 9| Ty		626.1|	0.0|	11.0|	626.4|	

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	12316.0|	-487.4|	0.0|	15923.4|	-2.0|	-62.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	754.9|	0.0|	0.0|	754.9|
| 5- 1|si| 5| Tz		508.1|	-2.6|	0.0|	508.1|
| 5- 1|si| 9| Ty		626.1|	0.0|	12.2|	626.5|

PROGR.

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	10742.3|	-438.7|	0.0|	15923.4|	-2.0|	-68.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	738.8|	0.0|	0.0|	738.8|
| 5- 1|si| 5| Tz		523.1|	-2.9|	0.0|	523.2|
| 5- 1|si| 9| Ty		626.2|	0.0|	13.5|	626.6|

PROGR.

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	9018.2|	-390.0|	0.0|	15923.4|	-2.0|	-74.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	721.4|	0.0|	0.0|	721.4|
| 5- 1|si| 5| Tz		539.6|	-3.1|	0.0|	539.6|
| 5- 1|si| 9| Ty		626.2|	0.0|	14.7|	626.8|

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (743- 746) 1203

PROGR.

0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	16941.1|	411.3|	0.0|	14871.5|	1.1|	-16.3|
| 6- 1|	17012.3|	350.2|	0.0|	14607.5|	0.9|	-16.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	754.9|	0.0|	0.0|	754.9|
| 6- 1|si| 6| Tz		413.1|	0.7|	0.0|	413.1|
| 6- 1|si| 9| Ty		575.2|	0.0|	3.3|	575.3|

PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	16472.9|	385.6|	0.0|	14871.5|	1.1|	-22.5|
| 6- 1|	16532.6|	328.3|	0.0|	14607.5|	0.9|	-23.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	749.8|	0.0|	0.0|	749.8|
| 6- 1|si| 6| Tz		417.7|	1.0|	0.0|	417.7|
| 6- 1|si| 9| Ty		575.2|	0.0|	4.5|	575.3|

PROGR.

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	15854.4|	359.9|	0.0|	14871.5|	1.1|	-28.8|
| 6- 1|	15902.6|	306.4|	0.0|	14607.5|	0.9|	-29.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	743.3|	0.0|	0.0|	743.3|
| 6- 1|si| 6| Tz		423.8|	1.2|	0.0|	423.8|
| 6- 1|si| 9| Ty		575.2|	0.0|	5.8|	575.3|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	15085.7|	334.2|	0.0|	14871.5|	1.1|	-35.0|
| 6- 1|	15122.3|	284.5|	0.0|	14607.5|	0.9|	-35.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	735.5|	0.0|	0.0|	735.5|
| 6- 1|si| 6| Tz		431.2|	1.5|	0.0|	431.2|
| 6- 1|si| 9| Ty		575.2|	0.0|	7.0|	575.3|

PROGR.

96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	14166.7|	308.4|	0.0|	14871.5|	1.1|	-41.2|
| 6- 1|	14191.8|	262.6|	0.0|	14607.5|	0.9|	-41.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	726.2|	0.0|	0.0|	726.2|
| 6- 1|si| 6| Tz		440.1|	1.7|	0.0|	440.1|
| 6- 1|si| 9| Ty		575.2|	0.0|	8.2|	575.3|

PROGR.

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	13097.4|	282.7|	0.0|	14871.5|	1.1|	-47.4|
| 6- 1|	13111.0|	240.7|	0.0|	14607.5|	0.9|	-47.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	715.5|	0.0|	0.0|	715.5|
| 6- 1|si| 6| Tz		450.4|	2.0|	0.0|	450.4|
| 6- 1|si| 9| Ty		575.1|	0.0|	9.4|	575.4|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	11877.8|	257.0|	0.0|	14871.5|	1.1|	-53.7|
| 6- 1|	11879.9|	218.8|	0.0|	14607.5|	0.9|	-54.1|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	703.4	0.0	0.0	703.4
6- 1	si	6	Tz	462.1	2.2	0.0	462.1	
6- 1	si	9	Ty	575.1	0.0	10.7	575.4	
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	10508.0	231.3	0.0	14871.5	1.1	-59.9
6- 1	10498.6	197.0	0.0	14607.5	0.9	-60.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	689.8	0.0	0.0	689.8
6- 1	si	6	Tz	475.1	2.5	0.0	475.2	
6- 1	si	9	Ty	575.1	0.0	11.9	575.5	
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	8988.0	205.6	0.0	14871.5	1.1	-66.1
6- 1	8967.0	175.1	0.0	14607.5	0.9	-66.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	674.9	0.0	0.0	674.9
6- 1	si	6	Tz	489.7	2.7	0.0	489.7	
6- 1	si	9	Ty	575.1	0.0	13.1	575.5	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (698- 728) 1250
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-2180.5	0.3	71.1
5- 1	0.0	0.0	0.0	-1850.9	0.6	71.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-85.8	0.0	0.0	85.8
5- 1	si	5	Tz	-72.8	2.9	0.0	73.0	
5- 1	si	9	Ty	-72.8	0.0	-14.1	76.8	
6- 1	si	9	Si	-85.8	0.0	-14.0	89.2	
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	1640.2	-6.4	0.0	-2180.5	0.3	64.9
5- 1	1645.6	-15.2	0.0	-1850.9	0.6	65.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-101.4	0.0	0.0	101.4
5- 1	si	5	Tz	-88.4	2.6	0.0	88.5	
5- 1	si	9	Ty	-72.9	0.0	-12.8	76.2	
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	3130.2	-12.8	0.0	-2180.5	0.3	58.6
5- 1	3140.9	-30.4	0.0	-1850.9	0.6	58.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-115.5	0.0	0.0	115.5
5- 1	si	5	Tz	-102.5	2.4	0.0	102.6	
5- 1	si	9	Ty	-72.9	0.0	-11.6	75.6	
 ----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	4469.8	-19.1	0.0	-2180.5	0.3	52.4
5- 1	4485.9	-45.6	0.0	-1850.9	0.6	52.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-128.2	0.0	0.0	128.2
5- 1	si	5	Tz	-115.2	2.1	0.0	115.3	
5- 1	si	9	Ty	-72.9	0.0	-10.4	75.1	
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	5659.2	-25.5	0.0	-2180.5	0.3	46.2
5- 1	5680.7	-60.8	0.0	-1850.9	0.6	46.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-139.6	0.0	0.0	139.6
5- 1	si	5	Tz	-126.5	1.9	0.0	126.6	
5- 1	si	9	Ty	-72.9	0.0	-9.2	74.6	
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	6698.4	-31.9	0.0	-2180.5	0.3	40.0
5- 1	6725.2	-76.0	0.0	-1850.9	0.6	40.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-149.5	0.0	0.0	149.5
5- 1	si	5	Tz	-136.4	1.6	0.0	136.4	
5- 1	si	9	Ty	-72.9	0.0	-7.9	74.2	
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	7587.3	-38.3	0.0	-2180.5	0.3	33.7
5- 1	7619.5	-91.3	0.0	-1850.9	0.6	34.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-158.0	0.0	0.0	158.0
5- 1	si	5	Tz	-144.9	1.4	0.0	144.9	

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9|	Ty	-72.9|	0.0|	-6.7|	73.9|		
----- PROGR. 169.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	8325.9|	-44.6|	0.0|	-2180.5|	0.3|	27.5|	
| 5- 1|	8363.5|	-106.5|	0.0|	-1850.9|	0.6|	27.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1|si| 1|Sx	Si	-165.1|	0.0|	0.0|	165.1|		
| 5- 1|si| 5|	Tz	-152.0|	1.1|	0.0|	152.0|		
| 5- 1|si| 9|	Ty	-73.0|	0.0|	-5.5|	73.6|		
----- PROGR. 193.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	8914.2|	-51.0|	0.0|	-2180.5|	0.3|	21.3|	
| 5- 1|	8957.2|	-121.7|	0.0|	-1850.9|	0.6|	21.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1|si| 1|Sx	Si	-170.8|	0.0|	0.0|	170.8|		
| 5- 1|si| 5|	Tz	-157.6|	0.9|	0.0|	157.6|		
| 5- 1|si| 9|	Ty	-73.0|	0.0|	-4.2|	73.3|		

VERIFICA STABILITA` :							
|L0 = 193.1|							
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|							
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|							
Caso 6- 1 - Nodo 1 - Asse Y							
Ned = -2180.5|Mzeq = 6836.1|Myeq = -38.3|Ss = -187.9 (0.072)							

P_HEAL20_S011 (11) stato limite ultimo - ASTA (700- 730) 1251							
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	0.0|	0.0|	0.0|	-2084.2|	-1.4|	79.1|	
| 5- 1|	0.0|	0.0|	0.0|	-1832.2|	-1.1|	79.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1|si| 1|Sx	Si	-82.0|	0.0|	0.0|	82.0|		
| 6- 1|si| 6|	Tz	-82.0|	-3.2|	0.0|	82.2|		
| 5- 1|si| 9|	Ty	-72.1|	0.0|	-15.7|	77.0|		
| 6- 1|si| 9|	Si	-82.0|	0.0|	-15.6|	86.4|		
----- PROGR. 24.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	1833.0|	34.4|	0.0|	-2084.2|	-1.4|	72.9|	
| 5- 1|	1842.5|	26.7|	0.0|	-1832.2|	-1.1|	73.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1|si| 2|Sx	Si	-100.1|	0.0|	0.0|	100.1|		
| 6- 1|si| 6|	Tz	-99.4|	-3.0|	0.0|	99.6|		
| 5- 1|si| 9|	Ty	-72.1|	0.0|	-14.4|	76.3|		
----- PROGR. 48.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	3515.7|	68.8|	0.0|	-2084.2|	-1.4|	66.6|	
| 5- 1|	3534.7|	53.4|	0.0|	-1832.2|	-1.1|	67.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1|si| 2|Sx	Si	-116.8|	0.0|	0.0|	116.8|		
| 6- 1|si| 6|	Tz	-115.4|	-2.7|	0.0|	115.5|		
| 5- 1|si| 9|	Ty	-72.0|	0.0|	-13.2|	75.6|		
----- PROGR. 72.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	5048.2|	103.2|	0.0|	-2084.2|	-1.4|	60.4|	
| 5- 1|	5076.6|	80.0|	0.0|	-1832.2|	-1.1|	60.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1|si| 2|Sx	Si	-132.1|	0.0|	0.0|	132.1|		
| 6- 1|si| 6|	Tz	-130.0|	-2.5|	0.0|	130.1|		
| 5- 1|si| 9|	Ty	-72.0|	0.0|	-12.0|	75.0|		
----- PROGR. 96.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	6430.4|	137.6|	0.0|	-2084.2|	-1.4|	54.2|	
| 5- 1|	6468.3|	106.7|	0.0|	-1832.2|	-1.1|	54.6|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1|si| 2|Sx	Si	-145.9|	0.0|	0.0|	145.9|		
| 6- 1|si| 6|	Tz	-143.2|	-2.3|	0.0|	143.3|		
| 5- 1|si| 9|	Ty	-72.0|	0.0|	-10.8|	74.4|		
----- PROGR. 121.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	7662.3|	172.0|	0.0|	-2084.2|	-1.4|	48.0|	
| 5- 1|	7709.7|	133.4|	0.0|	-1832.2|	-1.1|	48.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1|si| 2|Sx	Si	-158.4|	0.0|	0.0|	158.4|		
| 6- 1|si| 6|	Tz	-155.0|	-2.0|	0.0|	155.0|		
| 5- 1|si| 9|	Ty	-72.0|	0.0|	-9.5|	73.8|		
----- PROGR. 145.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	8744.0|	206.4|	0.0|	-2084.2|	-1.4|	41.7|	
| 5- 1|	8800.8|	160.1|	0.0|	-1832.2|	-1.1|	42.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 2|Sx	Si	-169.4|	0.0|	0.0|	169.4|			
| 6- 1|si| 6|	Tz	-165.3|	-1.8|	0.0|	165.4|			
| 5- 1|si| 9|	Ty	-71.9|	0.0|	-8.3|	73.4|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	9675.4|	240.8|	0.0|	-2084.2|	-1.4|	35.5|		
| 5- 1|	9741.7|	186.7|	0.0|	-1832.2|	-1.1|	35.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	-179.0|	0.0|	0.0|	179.0|			
| 6- 1|si| 6|	Tz	-174.3|	-1.5|	0.0|	174.3|			
| 5- 1|si| 9|	Ty	-71.9|	0.0|	-7.1|	72.9|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	10456.5|	275.2|	0.0|	-2084.2|	-1.4|	29.3|		
| 5- 1|	10532.3|	213.4|	0.0|	-1832.2|	-1.1|	29.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	-187.3|	0.0|	0.0|	187.3|			
| 6- 1|si| 6|	Tz	-181.8|	-1.3|	0.0|	181.9|			
| 5- 1|si| 9|	Ty	-71.9|	0.0|	-5.8|	72.6|			
-----							PROGR.	1253
VERIFICA STABILITA` :								
|L0 = 193. |								
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|								
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|								
Caso 6- 1 - Nodo 2 - Asse Y								
Ned = -2084.2|Mzeq = 7842.4|Myeq = 206.4|Ss = -196.4 (0.075)								
-----							PROGR.	0.
P_HEA120_S011 (11) stato limite ultimo - ASTA (745- 748)								

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	9014.2|	-383.8|	0.0|	-1238.6|	-2.0|	-21.8|		
| 5- 1|	9018.2|	-390.0|	0.0|	-1209.3|	-2.0|	-21.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-143.3|	0.0|	0.0|	143.3|			
| 5- 1|si| 5|	Tz	-134.6|	-1.0|	0.0|	134.6|			
| 5- 1|si| 9|	Ty	-48.0|	0.0|	4.3|	48.6|			
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	8413.4|	-335.8|	0.0|	-1238.6|	-2.0|	-28.0|		
| 5- 1|	8416.9|	-341.2|	0.0|	-1209.3|	-2.0|	-28.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-136.4|	0.0|	0.0|	136.4|			
| 5- 1|si| 5|	Tz	-128.7|	-1.3|	0.0|	128.7|			
| 5- 1|si| 9|	Ty	-48.0|	0.0|	5.5|	48.9|			
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	7662.3|	-287.8|	0.0|	-1238.6|	-2.0|	-34.2|		
| 5- 1|	7665.3|	-292.5|	0.0|	-1209.3|	-2.0|	-34.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-128.1|	0.0|	0.0|	128.1|			
| 5- 1|si| 5|	Tz	-121.3|	-1.5|	0.0|	121.4|			
| 5- 1|si| 9|	Ty	-47.9|	0.0|	6.8|	49.3|			
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	6760.9|	-239.9|	0.0|	-1238.6|	-2.0|	-40.5|		
| 5- 1|	6763.4|	-243.7|	0.0|	-1209.3|	-2.0|	-40.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-118.4|	0.0|	0.0|	118.4|			
| 5- 1|si| 5|	Tz	-112.6|	-1.8|	0.0|	112.6|			
| 5- 1|si| 9|	Ty	-47.9|	0.0|	8.0|	49.8|			
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	5709.3|	-191.9|	0.0|	-1238.6|	-2.0|	-46.7|		
| 5- 1|	5711.3|	-195.0|	0.0|	-1209.3|	-2.0|	-46.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-107.3|	0.0|	0.0|	107.3|			
| 5- 1|si| 5|	Tz	-102.4|	-2.0|	0.0|	102.4|			
| 5- 1|si| 9|	Ty	-47.8|	0.0|	9.2|	50.4|			
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	4507.4|	-143.9|	0.0|	-1238.6|	-2.0|	-52.9|		
| 5- 1|	4508.9|	-146.2|	0.0|	-1209.3|	-2.0|	-53.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-94.8|	0.0|	0.0|	94.8|			
| 5- 1|si| 5|	Tz	-90.8|	-2.2|	0.0|	90.9|			
| 5- 1|si| 9|	Ty	-47.7|	0.0|	10.4|	51.1|			
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	3155.2|	-95.9|	0.0|	-1238.6|	-2.0|	-59.2|		
| 5- 1|	3156.2|	-97.5|	0.0|	-1209.3|	-2.0|	-59.2|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	-80.8	0.0	0.0	80.8
5-1	|si|	5	Tz	-77.8	-2.5	0.0	77.9
5-1	|si|	9	Ty	-47.7	0.0	11.7	51.8

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1652.7	-48.0	0.0	-1238.6	-2.0	-65.4
5-1	1653.2	-48.7	0.0	-1209.3	-2.0	-65.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	-65.5	0.0	0.0	65.5
5-1	|si|	5	Tz	-63.4	-2.7	0.0	63.6
5-1	|si|	9	Ty	-47.6	0.0	12.9	52.6

PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-1238.6	-2.0	-71.6
5-1	0.0	0.0	0.0	-1209.3	-2.0	-71.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	-48.7	0.0	0.0	48.7
5-1	|si|	5	Tz	-47.6	-3.0	0.0	47.9
5-1	|si|	9	Ty	-47.6	0.0	14.1	53.5
6-1	|si|	9	Si	-48.7	0.0	14.1	54.5

VERIFICA STABILITA` :

L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr = 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr = 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso 6-1 - Nodo 1 - Asse Y
 Ned = -1238.6|Mzeq = 6901.1|Myeq = -287.8|Ss = -142.0 (0.054)

P_HEA120_S011 (11) stato limite ultimo - ASTA (746- 749) 1254
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	8967.0	175.1	0.0	-3633.7	0.9	-21.5
5-1	8988.0	205.6	0.0	-3470.3	1.1	-21.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	-231.7	0.0	0.0	231.7
5-1	|si|	6	Tz	-222.2	0.9	0.0	222.2
5-1	|si|	9	Ty	-136.3	0.0	4.3	136.5

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	8372.0	153.2	0.0	-3633.7	0.9	-27.8
5-1	8390.4	179.9	0.0	-3470.3	1.1	-27.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	-225.5	0.0	0.0	225.5
5-1	|si|	6	Tz	-216.4	1.2	0.0	216.4
5-1	|si|	9	Ty	-136.4	0.0	5.5	136.7

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	7626.8	131.3	0.0	-3633.7	0.9	-34.0
5-1	7642.6	154.2	0.0	-3470.3	1.1	-34.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	-218.0	0.0	0.0	218.0
5-1	|si|	6	Tz	-209.2	1.4	0.0	209.2
5-1	|si|	9	Ty	-136.4	0.0	6.7	136.9

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	6731.4	109.4	0.0	-3633.7	0.9	-40.2
5-1	6744.5	128.5	0.0	-3470.3	1.1	-40.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	-209.0	0.0	0.0	209.0
5-1	|si|	6	Tz	-200.6	1.7	0.0	200.7
5-1	|si|	9	Ty	-136.4	0.0	8.0	137.1

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	5685.6	87.5	0.0	-3633.7	0.9	-46.5
5-1	5696.1	102.8	0.0	-3470.3	1.1	-46.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	-198.6	0.0	0.0	198.6
5-1	|si|	6	Tz	-190.6	1.9	0.0	190.7
5-1	|si|	9	Ty	-136.5	0.0	9.2	137.4

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	4489.6	65.7	0.0	-3633.7	0.9	-52.7
5-1	4497.5	77.1	0.0	-3470.3	1.1	-52.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	-186.8	0.0	0.0	186.8
5-1	|si|	6	Tz	-179.2	2.2	0.0	179.3
5-1	|si|	9	Ty	-136.5	0.0	10.4	137.7

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	3143.4	43.8	0.0	-3633.7	0.9	-58.9

Copertura area carburante - Relazione di calcolo

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| 5- 1|          3148.6|          51.4|          0.0| -3470.3|          1.1| -59.0|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 6- 1|si| 2|Sx |Si| -173.6|          0.0|          0.0|          173.6|
| 5- 1|si| 6|  Tz |          -166.4|          2.4|          0.0|          166.5|
| 5- 1|si| 9|  Ty |          -136.5|          0.0|          11.6|          138.0|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          1646.8|          21.9|          0.0| -3633.7|          0.9| -65.1|
| 5- 1|          1649.4|          25.7|          0.0| -3470.3|          1.1| -65.3|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 6- 1|si| 2|Sx |Si| -159.0|          0.0|          0.0|          159.0|
| 5- 1|si| 6|  Tz |          -152.2|          2.7|          0.0|          152.3|
| 5- 1|si| 9|  Ty |          -136.5|          0.0|          12.9|          138.3|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          0.0|          0.0|          0.0| -3633.7|          0.9| -71.4|
| 5- 1|          0.0|          0.0|          0.0| -3470.3|          1.1| -71.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 6- 1|si| 1|Sx |Si| -143.0|          0.0|          0.0|          143.0|
| 5- 1|si| 6|  Tz |          -136.6|          2.9|          0.0|          136.7|
| 5- 1|si| 9|  Ty |          -136.6|          0.0|          14.1|          138.7|
| 6- 1|si| 9|  Si |          -143.0|          0.0|          14.1|          145.1|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b )=0.3400|ki=0.9038|
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c )=0.4900|ki=0.7014|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -3633.7|Mzeq = 6870.4|Myeq = 131.3|Ss = -272.5 ( 0.104)

G_2L_50x5_d8 ( 15)          stato limite ultimo - ASTA ( 383- 392)          708
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          0.0|          0.0|          0.0| 5995.2|          0.0|          9.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx |Si| 623.8|          0.0|          0.0|          623.8|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          219.6|          0.0|          0.0| 5994.2|          0.0|          7.1|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx |Si| 637.7|          0.0|          0.0|          637.7|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          376.4|          0.0|          0.0| 5993.1|          0.0|          4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx |Si| 647.6|          0.0|          0.0|          647.6|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          470.6|          0.0|          0.0| 5992.0|          0.0|          2.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx |Si| 653.6|          0.0|          0.0|          653.6|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          501.9|          0.0|          0.0| 5990.9|          0.0|          0.0|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx |Si| 655.5|          0.0|          0.0|          655.5|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          470.6|          0.0|          0.0| 5989.8|          0.0| -2.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si|12|Sx |Si| 653.3|          0.0|          0.0|          653.3|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          376.4|          0.0|          0.0| 5988.8|          0.0| -4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si|12|Sx |Si| 647.2|          0.0|          0.0|          647.2|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          219.6|          0.0|          0.0| 5987.7|          0.0| -7.1|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si|12|Sx |Si| 637.0|          0.0|          0.0|          637.0|
-----
SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          0.0|          0.0|          0.0| 5986.6|          0.0| -9.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |

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Copertura area carburante - Relazione di calcolo

| 6- 1|si| 1|Sx Si| 622.9| 0.0| 0.0| 622.9|

VERIFICA STABILITA` :

|L0 = 212. |
 Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
 Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
 Caso11- 4 - Nodo 1 - Asse Z
 Ned = -841.6|Mzeq = 334.6|Myeq = 0.0|Ss = -350.0 (0.134)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (384- 393) 710
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 0.0| 0.0| 0.0| 3690.4| 0.0| 7.3|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 1|Sx Si| 384.0| 0.0| 0.0| 384.0|
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 168.9| 0.0| 0.0| 3689.6| 0.0| 5.5|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 7|Sx Si| 394.7| 0.0| 0.0| 394.7|
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 289.6| 0.0| 0.0| 3688.7| 0.0| 3.6|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 7|Sx Si| 402.3| 0.0| 0.0| 402.3|
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 362.0| 0.0| 0.0| 3687.9| 0.0| 1.8|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 7|Sx Si| 406.9| 0.0| 0.0| 406.9|
 ----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 386.1| 0.0| 0.0| 3687.1| 0.0| 0.0|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 7|Sx Si| 408.3| 0.0| 0.0| 408.3|
 ----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 362.0| 0.0| 0.0| 3686.2| 0.0| -1.8|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 7|Sx Si| 406.7| 0.0| 0.0| 406.7|
 ----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 289.6| 0.0| 0.0| 3685.4| 0.0| -3.6|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 7|Sx Si| 402.0| 0.0| 0.0| 402.0|
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 168.9| 0.0| 0.0| 3684.6| 0.0| -5.5|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 7|Sx Si| 394.2| 0.0| 0.0| 394.2|
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 0.0| 0.0| 0.0| 3683.7| 0.0| -7.3|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 1|Sx Si| 383.3| 0.0| 0.0| 383.3|
 ----- PROGR. 27.

VERIFICA STABILITA` :

|L0 = 212. |
 Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
 Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
 Caso11- 4 - Nodo 1 - Asse Z
 Ned = -1775.6|Mzeq = 334.6|Myeq = 0.0|Ss = -678.6 (0.259)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (385- 394) 712
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 0.0| 0.0| 0.0| 2903.5| 0.0| 7.3|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 1|Sx Si| 302.1| 0.0| 0.0| 302.1|
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11-13| 168.9| 0.0| 0.0| 2902.6| 0.0| 5.5|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 11-13|si| 7|Sx Si| 312.8| 0.0| 0.0| 312.8|

Copertura area carburante - Relazione di calcolo

----- SOLLECITAZIONI : 53. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-13 |	289.6 |	0.0 |	0.0 |	2901.8 |	0.0 |	3.6 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-13 |	|si| 7|Sx |	Si |	320.5 |	0.0 |	0.0 |	320.5 |			
----- SOLLECITAZIONI : 80. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-13 |	362.0 |	0.0 |	0.0 |	2901.0 |	0.0 |	1.8 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-13 |	|si| 7|Sx |	Si |	325.0 |	0.0 |	0.0 |	325.0 |			
----- SOLLECITAZIONI : 106. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11- 4 |	386.1 |	0.0 |	0.0 |	-2543.6 |	0.0 |	0.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11- 4 |	|si| 1|Sx |	Si |	-328.1 |	0.0 |	0.0 |	328.1 |			
----- SOLLECITAZIONI : 133. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-13 |	362.0 |	0.0 |	0.0 |	2899.3 |	0.0 |	-1.8 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-13 |	|si| 7|Sx |	Si |	324.8 |	0.0 |	0.0 |	324.8 |			
----- SOLLECITAZIONI : 159. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-13 |	289.6 |	0.0 |	0.0 |	2898.5 |	0.0 |	-3.6 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-13 |	|si| 7|Sx |	Si |	320.1 |	0.0 |	0.0 |	320.1 |			
----- SOLLECITAZIONI : 186. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-13 |	168.9 |	0.0 |	0.0 |	2897.6 |	0.0 |	-5.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-13 |	|si| 7|Sx |	Si |	312.3 |	0.0 |	0.0 |	312.3 |			
----- SOLLECITAZIONI : 212. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-13 |	0.0 |	0.0 |	0.0 |	2896.8 |	0.0 |	-7.3 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-13 |	|si| 1|Sx |	Si |	301.4 |	0.0 |	0.0 |	301.4 |			
----- VERIFICA STABILITA` :									
|L0 = 212. |									
Z |	Lc = 212. |	Ro = 1.51 |	lm = 140.5 |	Ncr= 10085.1 |	alfa(b)=0.3400 |	ki=0.3019 |			
Y |	Lc = 212. |	Ro = 2.35 |	lm = 90.2 |	Ncr= 24462.0 |	alfa(b)=0.3400 |	ki=0.5722 |			
Casol1- 4 - Nodo 1 - Asse Z									
Ned =	-2547.0 |	Mzeq =	334.6 |	Myeq =	0.0 |	Ss =	-951.2 (0.363)		
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (394- 387) 714									
----- SOLLECITAZIONI : 0. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 7- 1 |	0.0 |	0.0 |	0.0 |	3881.9 |	0.0 |	9.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1 |	|si| 1|Sx |	Si |	403.9 |	0.0 |	0.0 |	403.9 |			
----- SOLLECITAZIONI : 27. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 7- 1 |	219.6 |	0.0 |	0.0 |	3883.0 |	0.0 |	7.1 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1 |	|si| 7|Sx |	Si |	418.1 |	0.0 |	0.0 |	418.1 |			
----- SOLLECITAZIONI : 53. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 7- 1 |	376.4 |	0.0 |	0.0 |	3884.1 |	0.0 |	4.7 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1 |	|si| 7|Sx |	Si |	428.2 |	0.0 |	0.0 |	428.2 |			
----- SOLLECITAZIONI : 80. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 7- 1 |	470.6 |	0.0 |	0.0 |	3885.2 |	0.0 |	2.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1 |	|si| 7|Sx |	Si |	434.4 |	0.0 |	0.0 |	434.4 |			
----- SOLLECITAZIONI : 106. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 7- 1 |	501.9 |	0.0 |	0.0 |	3886.3 |	0.0 |	0.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1 |	|si| 7|Sx |	Si |	436.5 |	0.0 |	0.0 |	436.5 |			
----- SOLLECITAZIONI : 133. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
7- 1	470.6	0.0	0.0	3887.3	0.0	-2.4			
TENSIONI (Sz= 0.00) :									

Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 434.6| 0.0| 0.0| 434.6|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 376.4| 0.0| 0.0| 3888.4| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 428.7| 0.0| 0.0| 428.7|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 219.6| 0.0| 0.0| 3889.5| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 418.7| 0.0| 0.0| 418.7|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 3890.6| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 5|Sx | Si| 404.8| 0.0| 0.0| 404.8|
-----
VERIFICA STABILITA` :
|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Caso11-13 - Nodo 1 - Asse Z
Ned = -1965.7|Mzeq = 334.6|Myeq = 0.0|Ss = -745.7 ( 0.285)
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 395- 388) 716
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 6324.7| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | Si| 658.0| 0.0| 0.0| 658.0|
-----
PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 219.6| 0.0| 0.0| 6325.8| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 672.2| 0.0| 0.0| 672.2|
-----
PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 376.4| 0.0| 0.0| 6326.9| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 682.4| 0.0| 0.0| 682.4|
-----
PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 470.6| 0.0| 0.0| 6328.0| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 688.5| 0.0| 0.0| 688.5|
-----
PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 501.9| 0.0| 0.0| 6329.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 690.6| 0.0| 0.0| 690.6|
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 470.6| 0.0| 0.0| 6330.1| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 688.7| 0.0| 0.0| 688.7|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 376.4| 0.0| 0.0| 6331.2| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 682.8| 0.0| 0.0| 682.8|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 219.6| 0.0| 0.0| 6332.3| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si| 672.9| 0.0| 0.0| 672.9|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 6333.4| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 5|Sx | Si| 658.9| 0.0| 0.0| 658.9|
-----
VERIFICA STABILITA` :

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Copertura area carburante - Relazione di calcolo

|L0 = 212. |
 Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa(b)=0.3400 |ki=0.3019 |
 Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa(b)=0.3400 |ki=0.5722 |
 Caso11-13 - Nodo 1 - Asse Z
 Ned = -1211.0 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -479.8 (0.183)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (396- 389) 718
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 9080.4 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 1 |Sx | Si | 944.7 | 0.0 | 0.0 | 944.7 |
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 9081.5 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 7 |Sx | Si | 958.9 | 0.0 | 0.0 | 958.9 |
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 9082.5 | 0.0 | 4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 7 |Sx | Si | 969.1 | 0.0 | 0.0 | 969.1 |
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 9083.6 | 0.0 | 2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 7 |Sx | Si | 975.2 | 0.0 | 0.0 | 975.2 |
 ----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 501.9 | 0.0 | 0.0 | 9084.7 | 0.0 | 0.0 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 7 |Sx | Si | 977.3 | 0.0 | 0.0 | 977.3 |
 ----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 9085.8 | 0.0 | -2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 7 |Sx | Si | 975.4 | 0.0 | 0.0 | 975.4 |
 ----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 9086.9 | 0.0 | -4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 7 |Sx | Si | 969.5 | 0.0 | 0.0 | 969.5 |
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 9087.9 | 0.0 | -7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 7 |Sx | Si | 959.6 | 0.0 | 0.0 | 959.6 |
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 9089.0 | 0.0 | -9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 3 |Sx | Si | 945.6 | 0.0 | 0.0 | 945.6 |

 VERIFICA STABILITA` :

|L0 = 212. |
 Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa(b)=0.3400 |ki=0.3019 |
 Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa(b)=0.3400 |ki=0.5722 |
 Caso11-13 - Nodo 1 - Asse Z
 Ned = -264.1 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -147.5 (0.056)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (382- 391) 720
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 0.0 | 0.0 | 0.0 | 8841.8 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1 |si| 1 |Sx | Si | 919.9 | 0.0 | 0.0 | 919.9 |
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 219.6 | 0.0 | 0.0 | 8840.7 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1 |si| 7 |Sx | Si | 933.9 | 0.0 | 0.0 | 933.9 |
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 376.4 | 0.0 | 0.0 | 8839.6 | 0.0 | 4.7 |

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 943.8| 0.0| 0.0| 943.8|
----- PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 470.6| 0.0| 0.0| 8838.6| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 949.7| 0.0| 0.0| 949.7|
----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 501.9| 0.0| 0.0| 8837.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 951.6| 0.0| 0.0| 951.6|
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 470.6| 0.0| 0.0| 8836.4| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 949.5| 0.0| 0.0| 949.5|
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 376.4| 0.0| 0.0| 8835.3| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 943.4| 0.0| 0.0| 943.4|
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 219.6| 0.0| 0.0| 8834.2| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 933.2| 0.0| 0.0| 933.2|
----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 8833.2| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 5|Sx | Si | 919.0| 0.0| 0.0| 919.0|
----- PROGR. 159.
-----
VERIFICA STABILITA` :
|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Caso11- 4 - Nodo 1 - Asse Z
Ned = -339.2|Mzeq = 334.6|Myeq = 0.0|Ss = -173.8 ( 0.066)

G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 397- 390) 721
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 11902.8| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si | 1238.4| 0.0| 0.0| 1238.4|
----- PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 11903.9| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1252.6| 0.0| 0.0| 1252.6|
----- PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 11905.0| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1262.7| 0.0| 0.0| 1262.7|
----- PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 11906.0| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1268.9| 0.0| 0.0| 1268.9|
----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 501.9| 0.0| 0.0| 11907.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1271.0| 0.0| 0.0| 1271.0|
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 11908.2| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1269.1| 0.0| 0.0| 1269.1|
----- PROGR. 159.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	376.4	0.0	0.0	11909.3	0.0	-4.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1263.2	0.0	0.0	1263.2

PROGR.							186.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	219.6	0.0	0.0	11910.4	0.0	-7.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	12	Sx	Si	1253.2	0.0	0.0	1253.2

PROGR.							212.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	0.0	0.0	0.0	11911.4	0.0	-9.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	12	Sx	Si	1239.3	0.0	0.0	1239.3

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (703- 729)	1208
-----		0.
PROGR.		

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	0.0	0.0	0.0	14027.6	0.0	9.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	1459.5	0.0	0.0	1459.5

PROGR.							27.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	219.6	0.0	0.0	14026.5	0.0	7.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1473.4	0.0	0.0	1473.4

PROGR.							53.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	376.4	0.0	0.0	14025.4	0.0	4.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1483.3	0.0	0.0	1483.3

PROGR.							80.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	470.6	0.0	0.0	14024.3	0.0	2.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1489.3	0.0	0.0	1489.3

PROGR.							106.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	501.9	0.0	0.0	14023.2	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1491.2	0.0	0.0	1491.2

PROGR.							133.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	470.6	0.0	0.0	14022.2	0.0	-2.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1489.0	0.0	0.0	1489.0

PROGR.							159.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	376.4	0.0	0.0	14021.1	0.0	-4.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1482.9	0.0	0.0	1482.9

PROGR.							186.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	219.6	0.0	0.0	14020.0	0.0	-7.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1472.7	0.0	0.0	1472.7

PROGR.							212.	

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	0.0	0.0	0.0	14018.9	0.0	-9.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	1458.6	0.0	0.0	1458.6

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (704- 731)	1209
-----		0.
PROGR.		

Caso	MZ	MY	MT	N	TZ	TY		
6- 1	0.0	0.0	0.0	15038.1	0.0	9.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	1564.6	0.0	0.0	1564.6

PROGR.							27.	

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	219.6 |	0.0 |	0.0 |	15037.0 |	0.0 |	7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si | 7 |	Sx Si |	1578.6 |	0.0 |	0.0 |	1578.6 |	
							53.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	376.4 |	0.0 |	0.0 |	15036.0 |	0.0 |	4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si | 7 |	Sx Si |	1588.5 |	0.0 |	0.0 |	1588.5 |	
							80.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	470.6 |	0.0 |	0.0 |	15034.9 |	0.0 |	2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si | 7 |	Sx Si |	1594.4 |	0.0 |	0.0 |	1594.4 |	
							106.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	501.9 |	0.0 |	0.0 |	15033.8 |	0.0 |	0.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si | 7 |	Sx Si |	1596.3 |	0.0 |	0.0 |	1596.3 |	
							133.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	470.6 |	0.0 |	0.0 |	15032.7 |	0.0 |	-2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si | 7 |	Sx Si |	1594.2 |	0.0 |	0.0 |	1594.2 |	
							159.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	376.4 |	0.0 |	0.0 |	15031.6 |	0.0 |	-4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si | 7 |	Sx Si |	1588.0 |	0.0 |	0.0 |	1588.0 |	
							186.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	219.6 |	0.0 |	0.0 |	15030.6 |	0.0 |	-7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si | 7 |	Sx Si |	1577.9 |	0.0 |	0.0 |	1577.9 |	
							212.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	0.0 |	0.0 |	0.0 |	15029.5 |	0.0 |	-9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si | 1 |	Sx Si |	1563.7 |	0.0 |	0.0 |	1563.7 |	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (706- 733) 1214							
							0.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	0.0 |	0.0 |	0.0 |	8379.9 |	0.0 |	9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si | 1 |	Sx Si |	871.9 |	0.0 |	0.0 |	871.9 |	
							27.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	219.6 |	0.0 |	0.0 |	8378.8 |	0.0 |	7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si | 7 |	Sx Si |	885.8 |	0.0 |	0.0 |	885.8 |	
							53.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	376.4 |	0.0 |	0.0 |	8377.7 |	0.0 |	4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si | 7 |	Sx Si |	895.7 |	0.0 |	0.0 |	895.7 |	
							80.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	470.6 |	0.0 |	0.0 |	8376.6 |	0.0 |	2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si | 7 |	Sx Si |	901.7 |	0.0 |	0.0 |	901.7 |	
							106.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	501.9 |	0.0 |	0.0 |	8375.6 |	0.0 |	0.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si | 12 |	Sx Si |	903.6 |	0.0 |	0.0 |	903.6 |	
							133.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	470.6 |	0.0 |	0.0 |	8374.5 |	0.0 |	-2.4 |	
TENSIONI (Sz= 0.00) :							

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-	1	si	12	901.4	0.0	0.0	901.4	

----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
5-	1	376.4	0.0	0.0	8373.4	0.0	-4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-	1	si	12	895.3	0.0	0.0	895.3	

----- PROGR. 186.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
5-	1	219.6	0.0	0.0	8372.3	0.0	-7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-	1	si	12	885.1	0.0	0.0	885.1	

----- PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
5-	1	0.0	0.0	0.0	8371.2	0.0	-9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-	1	si	1	871.0	0.0	0.0	871.0	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) ----- stato limite ultimo - ASTA (707- 734) 1215

----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	0.0	0.0	0.0	8875.8	0.0	9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	1	923.5	0.0	0.0	923.5	

----- PROGR. 27.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	219.6	0.0	0.0	8874.7	0.0	7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	7	937.4	0.0	0.0	937.4	

----- PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	376.4	0.0	0.0	8873.7	0.0	4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	7	947.3	0.0	0.0	947.3	

----- PROGR. 80.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	470.6	0.0	0.0	8872.6	0.0	2.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	7	953.3	0.0	0.0	953.3	

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	501.9	0.0	0.0	8871.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	7	955.2	0.0	0.0	955.2	

----- PROGR. 133.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	470.6	0.0	0.0	8870.4	0.0	-2.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	12	953.0	0.0	0.0	953.0	

----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	376.4	0.0	0.0	8869.3	0.0	-4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	12	946.9	0.0	0.0	946.9	

----- PROGR. 186.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	219.6	0.0	0.0	8868.3	0.0	-7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	12	936.7	0.0	0.0	936.7	

----- PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-	1	0.0	0.0	0.0	8867.2	0.0	-9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-	1	si	1	922.6	0.0	0.0	922.6	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) ----- stato limite ultimo - ASTA (709- 736) 1220

----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
5-	1	0.0	0.0	0.0	3203.7	0.0	9.5

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 1|Sx |	Si| 333.3|	0.0|	0.0|	333.3|			
-----							27.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	219.6|	0.0|	0.0|	3202.6|	0.0|	7.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 7|Sx |	Si| 347.3|	0.0|	0.0|	347.3|			
-----							53.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	376.4|	0.0|	0.0|	3201.6|	0.0|	4.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si|12|Sx |	Si| 357.2|	0.0|	0.0|	357.2|			
-----							80.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	470.6|	0.0|	0.0|	3200.5|	0.0|	2.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si|12|Sx |	Si| 363.1|	0.0|	0.0|	363.1|			
-----							106.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	501.9|	0.0|	0.0|	3199.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si|12|Sx |	Si| 365.0|	0.0|	0.0|	365.0|			
-----							133.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	470.6|	0.0|	0.0|	3198.3|	0.0|	-2.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si|12|Sx |	Si| 362.9|	0.0|	0.0|	362.9|			
-----							159.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	376.4|	0.0|	0.0|	3197.2|	0.0|	-4.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si|12|Sx |	Si| 356.8|	0.0|	0.0|	356.8|			
-----							186.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	219.6|	0.0|	0.0|	3196.2|	0.0|	-7.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si|12|Sx |	Si| 346.6|	0.0|	0.0|	346.6|			
-----							212.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	3195.1|	0.0|	-9.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si|12|Sx |	Si| 332.4|	0.0|	0.0|	332.4|			

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (710- 737)						1221	
-----							0.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	3467.1|	0.0|	9.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 1|Sx |	Si| 360.7|	0.0|	0.0|	360.7|			
-----							27.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	219.6|	0.0|	0.0|	3466.0|	0.0|	7.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 7|Sx |	Si| 374.7|	0.0|	0.0|	374.7|			
-----							53.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	3464.9|	0.0|	4.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si|12|Sx |	Si| 384.6|	0.0|	0.0|	384.6|			
-----							80.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	470.6|	0.0|	0.0|	3463.9|	0.0|	2.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si|12|Sx |	Si| 390.5|	0.0|	0.0|	390.5|			
-----							106.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	501.9|	0.0|	0.0|	3462.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si|12|Sx |	Si| 392.4|	0.0|	0.0|	392.4|			
-----							133.	

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	470.6 |	0.0 |	0.0 |	3461.7 |	0.0 |	-2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si|12|Sx |	Si |	390.3 |	0.0 |	0.0 |	390.3 |		
-----							159.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	376.4 |	0.0 |	0.0 |	3460.6 |	0.0 |	-4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si|12|Sx |	Si |	384.2 |	0.0 |	0.0 |	384.2 |		
-----							186.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	219.6 |	0.0 |	0.0 |	3459.5 |	0.0 |	-7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si|12|Sx |	Si |	374.0 |	0.0 |	0.0 |	374.0 |		
-----							212.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	0.0 |	0.0 |	0.0 |	3458.5 |	0.0 |	-9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si|12|Sx |	Si |	359.8 |	0.0 |	0.0 |	359.8 |		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (736- 715) 1226

PROGR. 0.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	0.0 |	0.0 |	0.0 |	2907.4 |	0.0 |	9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 1|Sx |	Si |	302.5 |	0.0 |	0.0 |	302.5 |		
-----							27.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	219.6 |	0.0 |	0.0 |	2908.4 |	0.0 |	7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 7|Sx |	Si |	316.7 |	0.0 |	0.0 |	316.7 |		
-----							53.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	376.4 |	0.0 |	0.0 |	2909.5 |	0.0 |	4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 7|Sx |	Si |	326.8 |	0.0 |	0.0 |	326.8 |		
-----							80.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	470.6 |	0.0 |	0.0 |	2910.6 |	0.0 |	2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 7|Sx |	Si |	333.0 |	0.0 |	0.0 |	333.0 |		
-----							106.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	501.9 |	0.0 |	0.0 |	2911.7 |	0.0 |	0.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 7|Sx |	Si |	335.1 |	0.0 |	0.0 |	335.1 |		
-----							133.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	470.6 |	0.0 |	0.0 |	2912.8 |	0.0 |	-2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 7|Sx |	Si |	333.2 |	0.0 |	0.0 |	333.2 |		
-----							159.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	376.4 |	0.0 |	0.0 |	2913.8 |	0.0 |	-4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 7|Sx |	Si |	327.3 |	0.0 |	0.0 |	327.3 |		
-----							186.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	219.6 |	0.0 |	0.0 |	2914.9 |	0.0 |	-7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 7|Sx |	Si |	317.3 |	0.0 |	0.0 |	317.3 |		
-----							212.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	0.0 |	0.0 |	0.0 |	2916.0 |	0.0 |	-9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1 |si| 5|Sx |	Si |	303.4 |	0.0 |	0.0 |	303.4 |		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (737- 716) 1227

Copertura area carburante - Relazione di calcolo

-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	0.0 |	0.0 |	0.0 |	2945.9 |	0.0 |	9.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 1|Sx |	Si |	306.5 |	0.0 |	0.0 |	306.5 |			
-----								PROGR.	27.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	219.6 |	0.0 |	0.0 |	2947.0 |	0.0 |	7.1 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 7|Sx |	Si |	320.7 |	0.0 |	0.0 |	320.7 |			
-----								PROGR.	53.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	376.4 |	0.0 |	0.0 |	2948.1 |	0.0 |	4.7 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 7|Sx |	Si |	330.8 |	0.0 |	0.0 |	330.8 |			
-----								PROGR.	80.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	470.6 |	0.0 |	0.0 |	2949.2 |	0.0 |	2.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 7|Sx |	Si |	337.0 |	0.0 |	0.0 |	337.0 |			
-----								PROGR.	106.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	501.9 |	0.0 |	0.0 |	2950.3 |	0.0 |	0.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 7|Sx |	Si |	339.1 |	0.0 |	0.0 |	339.1 |			
-----								PROGR.	133.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	470.6 |	0.0 |	0.0 |	2951.3 |	0.0 |	-2.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 7|Sx |	Si |	337.2 |	0.0 |	0.0 |	337.2 |			
-----								PROGR.	159.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	376.4 |	0.0 |	0.0 |	2952.4 |	0.0 |	-4.7 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 7|Sx |	Si |	331.3 |	0.0 |	0.0 |	331.3 |			
-----								PROGR.	186.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	219.6 |	0.0 |	0.0 |	2953.5 |	0.0 |	-7.1 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 7|Sx |	Si |	321.4 |	0.0 |	0.0 |	321.4 |			
-----								PROGR.	212.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1 |	0.0 |	0.0 |	0.0 |	2954.6 |	0.0 |	-9.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1 |	|si| 5|Sx |	Si |	307.4 |	0.0 |	0.0 |	307.4 |			
-----								PROGR.	1232
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (739- 718)									0.
-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	0.0 |	0.0 |	0.0 |	8055.8 |	0.0 |	9.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 1|Sx |	Si |	838.1 |	0.0 |	0.0 |	838.1 |			
-----								PROGR.	27.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	219.6 |	0.0 |	0.0 |	8056.9 |	0.0 |	7.1 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 7|Sx |	Si |	852.3 |	0.0 |	0.0 |	852.3 |			
-----								PROGR.	53.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	376.4 |	0.0 |	0.0 |	8057.9 |	0.0 |	4.7 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 7|Sx |	Si |	862.5 |	0.0 |	0.0 |	862.5 |			
-----								PROGR.	80.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	470.6 |	0.0 |	0.0 |	8059.0 |	0.0 |	2.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 7|Sx |	Si |	868.6 |	0.0 |	0.0 |	868.6 |			
-----								PROGR.	106.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
6- 1	501.9	0.0	0.0	8060.1	0.0	0.0			

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 870.7| 0.0| 0.0| 870.7|
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 470.6| 0.0| 0.0| 8061.2| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 868.8| 0.0| 0.0| 868.8|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 376.4| 0.0| 0.0| 8062.3| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 862.9| 0.0| 0.0| 862.9|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 219.6| 0.0| 0.0| 8063.3| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 853.0| 0.0| 0.0| 853.0|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 8064.4| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 6|Sx | Si | 839.0| 0.0| 0.0| 839.0|
-----
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 740- 719) 1233
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 8416.2| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si | 875.6| 0.0| 0.0| 875.6|
-----
PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 8417.2| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 889.8| 0.0| 0.0| 889.8|
-----
PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 8418.3| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 900.0| 0.0| 0.0| 900.0|
-----
PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 8419.4| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 906.1| 0.0| 0.0| 906.1|
-----
PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 501.9| 0.0| 0.0| 8420.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 908.2| 0.0| 0.0| 908.2|
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 8421.5| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 906.3| 0.0| 0.0| 906.3|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 8422.6| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 900.4| 0.0| 0.0| 900.4|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 8423.7| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 890.5| 0.0| 0.0| 890.5|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 8424.8| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 6|Sx | Si | 876.5| 0.0| 0.0| 876.5|

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Copertura area carburante - Relazione di calcolo

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (742- 721) 1238
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 13683.2 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx | Si | 1423.6 | 0.0 | 0.0 | 1423.6 |
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 13684.2 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1437.8 | 0.0 | 0.0 | 1437.8 |
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 13685.3 | 0.0 | 4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1448.0 | 0.0 | 0.0 | 1448.0 |
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 13686.4 | 0.0 | 2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1454.1 | 0.0 | 0.0 | 1454.1 |
 ----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 501.9 | 0.0 | 0.0 | 13687.5 | 0.0 | 0.0 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1456.2 | 0.0 | 0.0 | 1456.2 |
 ----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 13688.6 | 0.0 | -2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1454.3 | 0.0 | 0.0 | 1454.3 |
 ----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 13689.6 | 0.0 | -4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1448.4 | 0.0 | 0.0 | 1448.4 |
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 13690.7 | 0.0 | -7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1438.5 | 0.0 | 0.0 | 1438.5 |
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 13691.8 | 0.0 | -9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 6|Sx | Si | 1424.5 | 0.0 | 0.0 | 1424.5 |

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (743- 722) 1239
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 14444.8 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx | Si | 1502.9 | 0.0 | 0.0 | 1502.9 |
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 14445.9 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1517.0 | 0.0 | 0.0 | 1517.0 |
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 14447.0 | 0.0 | 4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1527.2 | 0.0 | 0.0 | 1527.2 |
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 14448.0 | 0.0 | 2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1533.3 | 0.0 | 0.0 | 1533.3 |

Copertura area carburante - Relazione di calcolo

----- SOLLECITAZIONI										PROGR.	106.
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	501.9|		0.0|		0.0|		14449.1|		0.0|		0.0|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|	|si| 7|Sx	Si|		1535.5|		0.0|		0.0|		1535.5|	
-----										PROGR.	133.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	470.6|		0.0|		0.0|		14450.2|		0.0|		-2.4|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|	|si| 7|Sx	Si|		1533.6|		0.0|		0.0|		1533.6|	
-----										PROGR.	159.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	376.4|		0.0|		0.0|		14451.3|		0.0|		-4.7|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|	|si| 7|Sx	Si|		1527.7|		0.0|		0.0|		1527.7|	
-----										PROGR.	186.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	219.6|		0.0|		0.0|		14452.4|		0.0|		-7.1|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|	|si| 7|Sx	Si|		1517.7|		0.0|		0.0|		1517.7|	
-----										PROGR.	212.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	0.0|		0.0|		0.0|		14453.4|		0.0|		-9.5|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|	|si| 7|Sx	Si|		1503.8|		0.0|		0.0|		1503.8|	
-----										PROGR.	212.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.											
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (699- 728)										1244
-----										PROGR.	0.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	0.0|		0.0|		0.0|		19194.4|		0.0|		9.5|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|	|si| 1|Sx	Si|		1997.0|		0.0|		0.0|		1997.0|	
-----										PROGR.	27.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	219.6|		0.0|		0.0|		19193.3|		0.0|		7.1|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|	|si| 7|Sx	Si|		2011.0|		0.0|		0.0|		2011.0|	
-----										PROGR.	53.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	376.4|		0.0|		0.0|		19192.3|		0.0|		4.7|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|	|si| 7|Sx	Si|		2020.9|		0.0|		0.0|		2020.9|	
-----										PROGR.	80.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	470.6|		0.0|		0.0|		19191.2|		0.0|		2.4|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|	|si| 7|Sx	Si|		2026.8|		0.0|		0.0|		2026.8|	
-----										PROGR.	106.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	501.9|		0.0|		0.0|		19190.1|		0.0|		0.0|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|	|si| 7|Sx	Si|		2028.7|		0.0|		0.0|		2028.7|	
-----										PROGR.	133.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	470.6|		0.0|		0.0|		19189.0|		0.0|		-2.4|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|	|si| 7|Sx	Si|		2026.6|		0.0|		0.0|		2026.6|	
-----										PROGR.	159.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	376.4|		0.0|		0.0|		19187.9|		0.0|		-4.7|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|	|si| 7|Sx	Si|		2020.5|		0.0|		0.0|		2020.5|	
-----										PROGR.	186.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	219.6|		0.0|		0.0|		19186.9|		0.0|		-7.1|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|	|si| 7|Sx	Si|		2010.3|		0.0|		0.0|		2010.3|	
-----										PROGR.	212.
SOLLECITAZIONI											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	0.0|		0.0|		0.0|		19185.8|		0.0|		-9.5|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 1996.1| 0.0| 0.0| 1996.1|

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (701- 730) 1245
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 20662.4| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 2149.8| 0.0| 0.0| 2149.8|

----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 20661.3| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 2163.7| 0.0| 0.0| 2163.7|

----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 376.4| 0.0| 0.0| 20660.3| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 2173.7| 0.0| 0.0| 2173.7|

----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 470.6| 0.0| 0.0| 20659.2| 0.0| 2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 2179.6| 0.0| 0.0| 2179.6|

----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 501.9| 0.0| 0.0| 20658.1| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 2181.5| 0.0| 0.0| 2181.5|

----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 470.6| 0.0| 0.0| 20657.0| 0.0| -2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 2179.3| 0.0| 0.0| 2179.3|

----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 376.4| 0.0| 0.0| 20655.9| 0.0| -4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 2173.2| 0.0| 0.0| 2173.2|

----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 20654.9| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 2163.0| 0.0| 0.0| 2163.0|

----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 20653.8| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 2148.9| 0.0| 0.0| 2148.9|

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (745- 724) 1247
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 18825.3| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx | Si | 1958.6| 0.0| 0.0| 1958.6|

----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 18826.3| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1972.8| 0.0| 0.0| 1972.8|

----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 18827.4| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1983.0| 0.0| 0.0| 1983.0|

----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 5- 1|	470.6|	0.0|	0.0|	18828.5|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	1989.1|	0.0|	0.0|	1989.1|
-----						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	18829.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	1991.2|	0.0|	0.0|	1991.2|
-----						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	18830.6|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	1989.3|	0.0|	0.0|	1989.3|
-----						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	18831.7|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	1983.4|	0.0|	0.0|	1983.4|
-----						186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	18832.8|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	1973.5|	0.0|	0.0|	1973.5|
-----						212.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	18833.9|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 6|Sx	| Si|	1959.5|	0.0|	0.0|	1959.5|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (746- 725)					1248
-----						0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	20154.1|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 1|Sx	| Si|	2096.9|	0.0|	0.0|	2096.9|
-----						27.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	20155.2|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	2111.1|	0.0|	0.0|	2111.1|
-----						53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	20156.3|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	2121.2|	0.0|	0.0|	2121.2|
-----						80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	20157.4|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	2127.4|	0.0|	0.0|	2127.4|
-----						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	20158.5|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	2129.5|	0.0|	0.0|	2129.5|
-----						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	20159.5|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	2127.6|	0.0|	0.0|	2127.6|
-----						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	20160.6|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	2121.7|	0.0|	0.0|	2121.7|
-----						186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	20161.7|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	| Si|	2111.7|	0.0|	0.0|	2111.7|

Copertura area carburante - Relazione di calcolo

```

----- PROGR.      212.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | 20162.8 |      0.0 |     -9.5 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 3|Sx |      Si | 2097.8 |      0.0 |      0.0 | 2097.8 |

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

VERIFICA ELEMENTI IN ACCIAIO
lavoro : MUSST4

Unità di misura:
Lunghezze: cm
Prop.Sez.: cm
Forze: daN
Momenti: daNcm
Tensioni: daN/cm2

MATERIALI

S275 (EN 10025-2): Mod.El.= 210000.0; gM = 1.050;
fyk = 2750.0(2550.0 per sp>40 mm); fyd = 2619.0(2428.6 per sp>40 mm).

CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	2
4	SLU VENTOY 1	2
5	SLU VENTOX 2	2
6	SLU VENTOY 2	2
7	SLU VENTOX 3	2
8	SLU VENTOY 3	2
11	SLU con SISMAL PRINC	16
12	SLU con SISMAY PRINC	16

CARATTERISTICHE GEOMETRICHE

P_HEB140_S006 (6) :
A = 43.0302E+00 Jz= 1.5114E+03 Jy=549.7222E+00 Jt= 16.5832E+00

P_IPE80_S008 (8) :
A = 7.6563E+00 Jz= 80.2777E+00 Jy= 8.4911E+00 Jt=527.6360E-03

P_HEA120_S011 (11) :
A = 25.4102E+00 Jz=607.6354E+00 Jy=230.9414E+00 Jt= 4.3320E+00

G_2L_50x5_d8 (15) :
A = 9.6115E+00 Jz= 21.8931E+00 Jy= 53.1028E+00 Jt= 1.0000E+00

P_HEB140_S006 (6) stato limite ultimo - ASTA (364- 365) 660
----- PROGR. 0.

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 1 |      0.0 |      0.0 |      0.0 | -7416.7 |     10.9 |     96.4 |
| 12- 9 |      0.0 |      0.0 |      0.0 | -2190.5 |     -76.8 |     57.8 |
| 7- 1 |      0.0 |      0.0 |      0.0 | -6381.3 |     -8.9 |    118.6 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 11- 1 |si| 1|Sx |      Si | -172.4 |      0.0 |      0.0 | 172.4 |
| 12- 9 |si| 6|  Tz |      Tz |     -50.9 |     -4.6 |      0.0 |  51.5 |
| 7- 1 |si| 9|  Ty |      Ty |    -148.3 |      0.0 |    -13.8 |  150.2 |
| 11- 1 |si| 9|  Si |      Si |    -172.4 |      0.0 |    -11.2 |  173.4 |

```

----- PROGR. 24.

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 2 | 2222.9 | -434.1 |      0.0 | -7329.1 |     18.0 |     88.1 |
| 12- 9 | 1296.0 | 1852.7 |      0.0 | -2190.5 |     -76.8 |     49.6 |
| 7- 1 | 2733.0 | 214.5 |      0.0 | -6381.3 |     -8.9 |    108.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 11- 2 |si| 1|Sx |      Si | -186.1 |      0.0 |      0.0 |  186.1 |
| 12- 9 |si| 6|  Tz |      Tz |     -62.1 |     -4.4 |      0.0 |  62.6 |
| 7- 1 |si| 9|  Ty |      Ty |    -148.2 |      0.0 |    -12.5 |  149.7 |

```

----- PROGR. 48.

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 2 | 4249.4 | -868.2 |      0.0 | -7329.1 |     18.0 |     79.9 |
| 12- 9 | 3295.5 | 3705.4 |      0.0 | -2190.5 |     -76.8 |     41.5 |
| 7- 1 | 5210.6 | 429.1 |      0.0 | -6381.3 |     -8.9 |     97.4 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 11- 2 |si| 1|Sx |      Si | -201.1 |      0.0 |      0.0 |  201.1 |
| 12- 9 |si| 6|  Tz |      Tz |     -72.4 |     -4.2 |      0.0 |  72.8 |
| 7- 1 |si| 9|  Ty |      Ty |    -148.0 |      0.0 |    -11.3 |  149.3 |

```

----- PROGR. 72.

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 2 | 6079.4 | -1302.4 |      0.0 | -7329.1 |     18.0 |     71.8 |
| 12- 9 | 3298.6 | 5558.1 |      0.0 | -2190.5 |     -76.8 |     33.4 |
| 7- 1 | 7432.8 | 643.6 |      0.0 | -6381.3 |     -8.9 |     86.8 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 11- 2 |si| 1|Sx |      Si | -215.1 |      0.0 |      0.0 |  215.1 |
| 12- 9 |si| 6|  Tz |      Tz |     -81.9 |     -4.0 |      0.0 |  82.2 |
| 7- 1 |si| 9|  Ty |      Ty |    -147.9 |      0.0 |    -10.1 |  148.9 |

```

----- PROGR. 96.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
11- 3|	7699.9|	2494.9|	0.0|	-6985.7|	-25.9|	63.5|
12- 9|	4005.3|	7410.8|	0.0|	-2190.5|	-76.8|	25.2|
7- 1|	9399.6|	858.2|	0.0|	-6381.3|	-8.9|	76.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3|si| 2|Sx			Si|	-229.8|	0.0|	0.0|	229.8|
12- 9|si| 6|	Tz			-90.4|	-3.8|	0.0|	90.6|
7- 1|si| 9|	Ty			-147.8|	0.0|	-8.9|	148.5|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3|	9133.8|	3118.6|	0.0|	-6985.7|	-25.9|	55.4|
12- 9|	4515.4|	9263.5|	0.0|	-2190.5|	-76.8|	17.1|
7- 1|	11111.0|	1072.7|	0.0|	-6381.3|	-8.9|	65.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3|si| 2|Sx			Si|	-244.4|	0.0|	0.0|	244.4|
12- 9|si| 6|	Tz			-97.9|	-3.6|	0.0|	98.1|
7- 1|si| 9|	Ty			-147.6|	0.0|	-7.6|	148.2|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3|	10371.2|	3742.3|	0.0|	-6985.7|	-25.9|	47.2|
12-12|	98.3|	11089.6|	0.0|	1576.3|	-76.6|	-23.8|
11-16|	-5420.7|	2630.1|	0.0|	5658.0|	-18.2|	-61.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3|si| 2|Sx			Si|	-258.0|	0.0|	0.0|	258.0|
12-12|si| 5|	Tz			67.4|	-3.8|	0.0|	67.8|
11-16|si| 9|	Ty			133.2|	0.0|	7.2|	133.7|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3|	11412.1|	4366.0|	0.0|	-6985.7|	-25.9|	39.1|
12-12|	-572.9|	12937.9|	0.0|	1576.3|	-76.6|	-31.9|
7- 2|	-5585.8|	-25.7|	0.0|	4645.7|	0.2|	-70.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3|si| 2|Sx			Si|	-270.8|	0.0|	0.0|	270.8|
12-12|si| 5|	Tz			75.8|	-4.0|	0.0|	76.1|
7- 2|si| 9|	Ty			107.9|	0.0|	8.1|	108.9|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3|	12256.5|	4989.8|	0.0|	-6985.7|	-25.9|	30.9|
12-12|	-1440.5|	14786.1|	0.0|	1576.3|	-76.6|	-40.0|
7- 2|	-7405.4|	-29.4|	0.0|	4645.7|	0.2|	-80.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3|si| 2|Sx			Si|	-282.6|	0.0|	0.0|	282.6|
12-12|si| 5|	Tz			85.0|	-4.2|	0.0|	85.3|
7- 2|si| 9|	Ty			107.9|	0.0|	9.4|	109.2|

VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso11- 3 - Nodo 2 - Asse Y
 Ned = -6985.7|Mzeq = 9328.9|Myeq = 3742.3|Ss = -302.6 (0.116)

P_HEB140_S006 (6) stato limite ultimo - ASTA (365- 366) 661
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	13562.2|	2068.6|	0.0|	-15323.3|	30.8|	120.5|
12-12|	-1437.6|	14786.1|	0.0|	-1484.4|	152.2|	63.2|
6- 1|	9829.7|	-33.9|	0.0|	-13788.0|	4.3|	131.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-445.3|	0.0|	0.0|	445.3|
12-12|si| 5|	Tz			13.9|	7.9|	0.0|	19.5|
6- 1|si| 9|	Ty			-320.4|	0.0|	-15.3|	321.5|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	16342.2|	1325.7|	0.0|	-15323.3|	30.8|	109.9|
12-12|	-10.3|	11114.9|	0.0|	-1484.4|	152.2|	55.1|
6- 1|	12871.0|	-138.8|	0.0|	-13788.0|	4.3|	120.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-448.7|	0.0|	0.0|	448.7|
12-12|si| 5|	Tz			-3.1|	7.7|	0.0|	13.7|
6- 1|si| 9|	Ty			-320.5|	0.0|	-14.0|	321.4|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	18866.7|	582.7|	0.0|	-15323.3|	30.8|	99.4|
12-12|	1220.5|	7443.7|	0.0|	-1484.4|	152.2|	46.9|
6- 1|	15656.9|	-243.7|	0.0|	-13788.0|	4.3|	110.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-450.9|	0.0|	0.0|	450.9|
12-12|si| 5|	Tz			-19.2|	7.5|	0.0|	23.2|
6- 1|si| 9|	Ty			-320.6|	0.0|	-12.8|	321.3|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
------	----	----	----	---	----	----

Copertura area carburante - Relazione di calcolo

| 5- 1|	21135.9|	-160.2|	0.0|	-15323.3|	30.8|	88.8|
| 12-12|	2254.9|	3772.5|	0.0|	-1484.4|	152.2|	38.8|
| 6- 1|	18187.4|	-348.6|	0.0|	-13788.0|	4.3|	99.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-456.0|	0.0|	0.0|	456.0|
| 12-12|si| 5|	Tz |	-34.3|	7.3|	0.0|	36.6|
| 6- 1|si| 9|	Ty |	-320.6|	0.0|	-11.6|	321.3|

PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	23149.7|	-903.1|	0.0|	-15323.3|	30.8|	78.2|
| 12-12|	3092.8|	101.3|	0.0|	-1484.4|	152.2|	30.7|
| 6- 1|	20462.4|	-453.4|	0.0|	-13788.0|	4.3|	89.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-474.8|	0.0|	0.0|	474.8|
| 12-12|si| 5|	Tz |	-48.5|	7.2|	0.0|	50.1|
| 6- 1|si| 9|	Ty |	-320.7|	0.0|	-10.3|	321.2|

PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	24908.0|	-1646.0|	0.0|	-15323.3|	30.8|	67.6|
| 12-12|	3734.3|	-3569.9|	0.0|	-1484.4|	152.2|	22.5|
| 6- 1|	22482.1|	-558.3|	0.0|	-13788.0|	4.3|	78.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-492.4|	0.0|	0.0|	492.4|
| 12-12|si| 5|	Tz |	-61.9|	7.0|	0.0|	63.0|
| 6- 1|si| 9|	Ty |	-320.8|	0.0|	-9.1|	321.2|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	26411.0|	-2388.9|	0.0|	-15323.3|	30.8|	57.0|
| 12-12|	4179.2|	-7241.1|	0.0|	-1484.4|	152.2|	14.4|
| 6- 1|	24246.4|	-663.2|	0.0|	-13788.0|	4.3|	67.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-508.9|	0.0|	0.0|	508.9|
| 12-12|si| 5|	Tz |	-74.3|	6.8|	0.0|	75.2|
| 6- 1|si| 9|	Ty |	-320.8|	0.0|	-7.9|	321.1|

PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	27658.6|	-3131.8|	0.0|	-15323.3|	30.8|	46.4|
| 12-10|	7457.8|	-11310.9|	0.0|	-3821.0|	154.5|	-9.4|
| 6- 1|	25755.3|	-768.0|	0.0|	-13788.0|	4.3|	57.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-524.1|	0.0|	0.0|	524.1|
| 12-10|si| 6|	Tz |	-91.4|	6.8|	0.0|	92.2|
| 6- 1|si| 9|	Ty |	-320.9|	0.0|	-6.7|	321.1|

PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	28650.7|	-3874.7|	0.0|	-15323.3|	30.8|	35.8|
| 12-10|	7132.8|	-15038.7|	0.0|	-3821.0|	154.5|	-17.5|
| 6- 1|	27008.8|	-872.9|	0.0|	-13788.0|	4.3|	46.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-538.1|	0.0|	0.0|	538.1|
| 12-10|si| 6|	Tz |	-79.4|	7.0|	0.0|	80.3|
| 6- 1|si| 9|	Ty |	-321.0|	0.0|	-5.4|	321.1|

VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -15323.3|Mzeq = 28650.7|Myeq = -2906.1|Ss = -635.2 (0.243)

P_HEB140_S006 (6) stato limite ultimo - ASTA (366- 367) 662

 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	28660.5|	-3874.7|	0.0|	-23226.5|	-23.1|	74.2|
| 12-12|	4481.3|	-14583.5|	0.0|	-4688.6|	-110.9|	44.5|
| 6- 1|	27018.2|	-872.9|	0.0|	-22420.2|	1.8|	79.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-721.9|	0.0|	0.0|	721.9|
| 12-12|si| 6|	Tz |	-88.6|	-5.7|	0.0|	89.2|
| 6- 1|si| 9|	Ty |	-521.6|	0.0|	-9.2|	521.8|

PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	30321.9|	-3316.9|	0.0|	-23226.5|	-23.1|	63.6|
| 12-12|	5456.4|	-11907.0|	0.0|	-4688.6|	-110.9|	36.4|
| 6- 1|	28802.4|	-916.3|	0.0|	-22420.2|	1.8|	68.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-722.4|	0.0|	0.0|	722.4|
| 12-12|si| 6|	Tz |	-100.7|	-5.5|	0.0|	101.1|
| 6- 1|si| 9|	Ty |	-521.6|	0.0|	-8.0|	521.8|

PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	31727.9|	-2759.0|	0.0|	-23226.5|	-23.1|	53.0|

Copertura area carburante - Relazione di calcolo

| 12-12|	6235.2|	-9230.5|	0.0|	-4688.6|	-110.9|	28.2|
| 6- 1|	30331.2|	-959.7|	0.0|	-22420.2|	1.8|	58.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-721.9|	0.0|	0.0|	721.9|
| 12-12|si| 6|	Tz |	-111.8|	-5.4|	0.0|	112.2|
| 6- 1|si| 9|	Ty |	-521.6|	0.0|	-6.7|	521.8|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	32878.5|	-2201.1|	0.0|	-23226.5|	-23.1|	42.4|
| 12-12|	6817.4|	-6554.0|	0.0|	-4688.6|	-110.9|	20.1|
| 6- 1|	31604.6|	-1003.1|	0.0|	-22420.2|	1.8|	47.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-720.1|	0.0|	0.0|	720.1|
| 12-12|si| 6|	Tz |	-122.1|	-5.2|	0.0|	122.4|
| 6- 1|si| 9|	Ty |	-521.7|	0.0|	-5.5|	521.8|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	33773.7|	-1643.2|	0.0|	-23226.5|	-23.1|	31.8|
| 12-12|	7203.2|	-3877.5|	0.0|	-4688.6|	-110.9|	11.9|
| 6- 1|	32622.6|	-1046.5|	0.0|	-22420.2|	1.8|	36.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-717.1|	0.0|	0.0|	717.1|
| 12-12|si| 6|	Tz |	-131.4|	-5.0|	0.0|	131.7|
| 6- 1|si| 9|	Ty |	-521.7|	0.0|	-4.3|	521.8|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34413.5|	-1085.4|	0.0|	-23226.5|	-23.1|	21.2|
| 12-10|	8918.0|	-1180.8|	0.0|	-5795.2|	-114.9|	-5.6|
| 6- 1|	33385.2|	-1089.9|	0.0|	-22420.2|	1.8|	26.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-713.0|	0.0|	0.0|	713.0|
| 12-10|si| 5|	Tz |	-179.3|	-5.0|	0.0|	179.5|
| 6- 1|si| 9|	Ty |	-521.7|	0.0|	-3.1|	521.8|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34797.9|	-527.5|	0.0|	-23226.5|	-23.1|	10.6|
| 12-10|	8685.2|	1590.8|	0.0|	-5795.2|	-114.9|	-13.7|
| 11- 1|	10605.6|	-103.8|	0.0|	-7427.7|	20.2|	-29.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-707.7|	0.0|	0.0|	707.7|
| 12-10|si| 5|	Tz |	-170.4|	-5.2|	0.0|	170.7|
| 11- 1|si| 9|	Ty |	-172.7|	0.0|	3.4|	172.8|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34926.9|	30.4|	0.0|	-23226.5|	-23.1|	0.1|
| 12-10|	8256.0|	4362.4|	0.0|	-5795.2|	-114.9|	-21.9|
| 11- 1|	9802.4|	-590.7|	0.0|	-7427.7|	20.2|	-37.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-701.9|	0.0|	0.0|	701.9|
| 12-10|si| 5|	Tz |	-160.6|	-5.4|	0.0|	160.9|
| 11- 1|si| 9|	Ty |	-173.0|	0.0|	4.3|	173.2|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34800.6|	588.2|	0.0|	-23226.5|	-23.1|	-10.5|
| 12-10|	7630.4|	7134.0|	0.0|	-5795.2|	-114.9|	-30.0|
| 11- 1|	8802.8|	-1077.6|	0.0|	-7427.7|	20.2|	-45.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-708.4|	0.0|	0.0|	708.4|
| 12-10|si| 5|	Tz |	-149.9|	-5.6|	0.0|	150.2|
| 11- 1|si| 9|	Ty |	-173.3|	0.0|	5.3|	173.5|

----- VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -23226.5|Mzeq = 34926.9|Myeq = -2906.1|Ss = -905.3 (0.346)

P_HEB140_S006 (6) stato limite ultimo - ASTA (367- 368) 663
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	34145.0|	-1220.1|	0.0|	-24750.1|	0.7|	20.9|
| 12-12|	6782.2|	6828.5|	0.0|	-5886.4|	43.3|	29.5|
| 7- 2|	3428.5|	-484.4|	0.0|	-4287.9|	-1.9|	49.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-748.9|	0.0|	0.0|	748.9|
| 12-12|si| 5|	Tz |	-149.0|	2.5|	0.0|	149.0|
| 7- 2|si| 9|	Ty |	-100.0|	0.0|	-5.7|	100.4|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	34521.5|	-1238.1|	0.0|	-24750.1|	0.7|	10.3|
| 12-12|	7396.7|	5783.7|	0.0|	-5886.4|	43.3|	21.4|

Copertura area carburante - Relazione di calcolo

```

| 7- 2|      4485.0| -439.0|      0.0| -4287.9|      -1.9|      38.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -750.8|      0.0|      0.0|      750.8|
| 12-12|si| 5| Tz |      -154.7|      2.3|      0.0|      154.8|
| 7- 2|si| 9| Ty |      -99.9|      0.0|      -4.5|      100.2|
-----
PROGR.      48.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      34642.5| -1256.2|      0.0| -24750.1|      0.7|      -0.3|
| 12-12|      7814.8|      4738.9|      0.0| -5886.4|      43.3|      13.3|
| 7- 2|      5286.1| -393.5|      0.0| -4287.9|      -1.9|      27.9|

```

```

TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -751.6|      0.0|      0.0|      751.6|
| 12-12|si| 5| Tz |      -159.6|      2.1|      0.0|      159.7|
| 7- 2|si| 9| Ty |      -99.9|      0.0|      -3.2|      100.1|
-----
PROGR.      72.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      34508.2| -1274.2|      0.0| -24750.1|      0.7|      -10.9|
| 12-12|      8036.4|      3694.0|      0.0| -5886.4|      43.3|      5.1|
| 7- 2|      5831.8| -348.0|      0.0| -4287.9|      -1.9|      17.3|

```

```

TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -751.2|      0.0|      0.0|      751.2|
| 12-12|si| 5| Tz |      -163.6|      2.0|      0.0|      163.6|
| 7- 2|si| 9| Ty |      -99.9|      0.0|      -2.0|      99.9|
-----
PROGR.      96.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      34118.5| -1292.2|      0.0| -24750.1|      0.7|      -21.4|
| 12- 9|      8500.4|      2821.9|      0.0| -5644.9|      45.1|      -8.5|
| 5- 1|      34435.5| -580.1|      0.0| -24711.6|      12.1|      -25.0|

```

```

TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -749.7|      0.0|      0.0|      749.7|
| 12- 9|si| 6| Tz |      -178.5|      2.1|      0.0|      178.5|
| 5- 1|si| 9| Ty |      -574.7|      0.0|      2.9|      574.7|
-----
PROGR.      121.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      33473.4| -1310.3|      0.0| -24750.1|      0.7|      -32.0|
| 12- 9|      8197.8|      1734.2|      0.0| -5644.9|      45.1|      -16.6|
| 5- 1|      33704.4| -872.1|      0.0| -24711.6|      12.1|      -35.6|

```

```

TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -746.9|      0.0|      0.0|      746.9|
| 12- 9|si| 6| Tz |      -174.0|      2.3|      0.0|      174.1|
| 5- 1|si| 9| Ty |      -574.8|      0.0|      4.1|      574.9|
-----
PROGR.      145.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      32572.8| -1328.3|      0.0| -24750.1|      0.7|      -42.6|
| 12- 9|      7698.7|      646.6|      0.0| -5644.9|      45.1|      -24.8|
| 5- 1|      32718.0| -1164.2|      0.0| -24711.6|      12.1|      -46.2|

```

```

TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -743.0|      0.0|      0.0|      743.0|
| 12- 9|si| 6| Tz |      -168.7|      2.5|      0.0|      168.7|
| 5- 1|si| 9| Ty |      -575.0|      0.0|      5.4|      575.1|
-----
PROGR.      169.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      31476.2| -1456.3|      0.0| -24711.6|      12.1|      -56.8|
| 12- 9|      7003.1| -441.1|      0.0| -5644.9|      45.1|      -32.9|

```

```

TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -738.6|      0.0|      0.0|      738.6|
| 12- 9|si| 6| Tz |      -162.4|      2.7|      0.0|      162.4|
| 5- 1|si| 9| Ty |      -575.2|      0.0|      6.6|      575.3|
-----
PROGR.      193.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      29979.0| -1748.4|      0.0| -24711.6|      12.1|      -67.4|
| 12- 9|      6111.1| -1528.8|      0.0| -5644.9|      45.1|      -41.0|

```

```

TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -735.4|      0.0|      0.0|      735.4|
| 12- 9|si| 6| Tz |      -155.2|      2.9|      0.0|      155.3|
| 5- 1|si| 9| Ty |      -575.4|      0.0|      7.8|      575.6|
-----

```

VERIFICA STABILITA` :

```

|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -24711.6|Mzeq = 35131.3|Myeq = -1311.3|Ss = -929.4 ( 0.355)

```

```

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 368- 369) 664
-----
PROGR.      0.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      29979.4| -1748.4|      0.0| -24729.4|      -11.9|      60.1|
| 12-16|      6172.5| -1564.4|      0.0| -5734.4|      -63.8|      40.1|
| 6- 1|      30005.5| -1364.3|      0.0| -24750.1|      -2.2|      63.6|

```

```

TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |

```

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 1|Sx	Si	-735.8|	0.0|	0.0|	735.8|			
| 12-16|si| 6| Tz		-157.4|	-3.6|	0.0|	157.6|			
| 6- 1|si| 9| Ty		-576.0|	0.0|	-7.4|	576.2|			
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	31301.1|	-1460.4|	0.0|	-24729.4|	-11.9|	49.5|		
| 12-16|	7042.1|	-24.6|	0.0|	-5734.4|	-63.8|	32.0|		
| 6- 1|	31411.9|	-1311.1|	0.0|	-24750.1|	-2.2|	53.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx	Si	-738.3|	0.0|	0.0|	738.3|			
| 12-16|si| 6| Tz		-165.8|	-3.4|	0.0|	165.9|			
| 6- 1|si| 9| Ty		-576.0|	0.0|	-6.2|	576.1|			
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	32563.0|	-1257.9|	0.0|	-24750.1|	-2.2|	42.4|		
| 12-16|	7715.3|	1515.2|	0.0|	-5734.4|	-63.8|	23.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si	-742.0|	0.0|	0.0|	742.0|			
| 12-16|si| 6| Tz		-173.3|	-3.3|	0.0|	173.4|			
| 6- 1|si| 9| Ty		-576.0|	0.0|	-4.9|	576.0|			
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	33458.6|	-1204.7|	0.0|	-24750.1|	-2.2|	31.8|		
| 12-16|	8192.0|	3055.1|	0.0|	-5734.4|	-63.8|	15.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si	-745.5|	0.0|	0.0|	745.5|			
| 12-16|si| 6| Tz		-179.8|	-3.1|	0.0|	179.9|			
| 6- 1|si| 9| Ty		-575.9|	0.0|	-3.7|	576.0|			
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	34098.9|	-1151.5|	0.0|	-24750.1|	-2.2|	21.2|		
| 12-16|	8472.3|	4594.9|	0.0|	-5734.4|	-63.8|	7.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si	-747.8|	0.0|	0.0|	747.8|			
| 12-16|si| 6| Tz		-185.5|	-2.9|	0.0|	185.5|			
| 6- 1|si| 9| Ty		-575.9|	0.0|	-2.5|	575.9|			
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	34483.8|	-1098.3|	0.0|	-24750.1|	-2.2|	10.7|		
| 12-15|	8487.0|	6101.2|	0.0|	-5746.4|	-63.6|	-1.2|		
| 11- 3|	6916.1|	890.6|	0.0|	-5828.6|	-13.1|	-13.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si	-748.9|	0.0|	0.0|	748.9|			
| 12-15|si| 5| Tz		-155.6|	-2.7|	0.0|	155.7|			
| 11- 3|si| 9| Ty		-134.9|	0.0|	1.6|	134.9|			
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	34613.2|	-1045.0|	0.0|	-24750.1|	-2.2|	0.1|		
| 12-15|	8360.0|	7636.0|	0.0|	-5746.4|	-63.6|	-9.3|		
| 8- 2|	6058.9|	1764.8|	0.0|	-4223.8|	-17.4|	-22.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si	-748.8|	0.0|	0.0|	748.8|			
| 12-15|si| 5| Tz		-150.7|	-2.9|	0.0|	150.8|			
| 8- 2|si| 9| Ty		-97.0|	0.0|	2.6|	97.1|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	34487.3|	-991.8|	0.0|	-24750.1|	-2.2|	-10.5|		
| 12-15|	8036.5|	9170.7|	0.0|	-5746.4|	-63.6|	-17.5|		
| 8- 2|	5394.0|	2185.8|	0.0|	-4223.8|	-17.4|	-32.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si	-747.5|	0.0|	0.0|	747.5|			
| 12-15|si| 5| Tz		-144.9|	-3.1|	0.0|	145.0|			
| 8- 2|si| 9| Ty		-96.8|	0.0|	3.8|	97.0|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	34106.0|	-938.6|	0.0|	-24750.1|	-2.2|	-21.1|		
| 12-15|	7516.5|	10705.5|	0.0|	-5746.4|	-63.6|	-25.6|		
| 8- 2|	4473.7|	2606.7|	0.0|	-4223.8|	-17.4|	-43.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si	-745.1|	0.0|	0.0|	745.1|			
| 12-15|si| 5| Tz		-138.2|	-3.3|	0.0|	138.3|			
| 8- 2|si| 9| Ty		-96.5|	0.0|	5.0|	96.9|			
-----							PROGR.	0.
VERIFICA STABILITA` :								
|L0 =	193. |							
Z |Lc =	193. |Ro =	5.93|lm =	32.6|Ncr=	840959.4|alfa(b)=	0.3400|ki=	0.9358|		
Y Lc =	193. Ro =	3.57 lm =	54.0 Ncr=	305877.6 alfa(c)=	0.4900 ki=	0.7723		
Caso 6- 1 -	Nodo 1 -	Asse Y						
Ned =	-24750.1 Mzeq =	34613.2 Myeq =	-1364.3 Ss =	-928.9 (0.355)			
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-----							PROGR.	0.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	34101.0	-938.6	0.0	-22415.6	-35.7	6.9		
12-15	7515.3	10705.5	0.0	-5727.0	129.5	33.7		
7- 2	5645.4	117.3	0.0	-5166.1	-3.9	49.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	|Sx	Si	-690.8	0.0	0.0	690.8
12-15	|si	5	|Tz		-137.7	6.3	0.0	138.1
7- 2	|si	9	|Ty		-120.0	0.0	-5.8	120.4
							PROGR.	24.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	34139.2	-77.8	0.0	-22415.6	-35.7	-3.7		
12-15	8229.6	7582.5	0.0	-5727.0	129.5	25.5		
7- 2	6713.7	211.9	0.0	-5166.1	-3.9	39.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	|Sx	Si	-680.0	0.0	0.0	680.0
12-15	|si	5	|Tz		-149.8	6.1	0.0	150.2
7- 2	|si	9	|Ty		-119.9	0.0	-4.5	120.2
							PROGR.	48.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	33921.9	782.9	0.0	-22415.6	-35.7	-14.3		
12-15	8747.4	4459.5	0.0	-5727.0	129.5	17.4		
7- 2	7526.7	306.4	0.0	-5166.1	-3.9	28.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-688.0	0.0	0.0	688.0
12-15	|si	5	|Tz		-161.0	5.9	0.0	161.4
7- 2	|si	9	|Ty		-119.9	0.0	-3.3	120.0
							PROGR.	72.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	33449.2	1643.7	0.0	-22415.6	-35.7	-24.9		
12-15	9068.8	1336.5	0.0	-5727.0	129.5	9.2		
5- 1	32372.8	1628.6	0.0	-21550.4	-14.8	-30.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-696.8	0.0	0.0	696.8
12-15	|si	5	|Tz		-171.3	5.7	0.0	171.6
5- 1	|si	9	|Ty		-499.8	0.0	3.5	499.8
							PROGR.	96.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	32721.2	2504.5	0.0	-22415.6	-35.7	-35.5		
12- 2	7390.7	2501.3	0.0	-4908.0	-130.0	-10.4		
5- 1	31520.5	1986.4	0.0	-21550.4	-14.8	-40.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-704.4	0.0	0.0	704.4
12- 2	|si	5	|Tz		-141.2	-5.8	0.0	141.6
5- 1	|si	9	|Ty		-499.6	0.0	4.7	499.6
							PROGR.	121.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	31737.7	3365.2	0.0	-22415.6	-35.7	-46.1		
12- 2	7040.9	5638.1	0.0	-4908.0	-130.0	-18.6		
5- 1	30412.8	2344.3	0.0	-21550.4	-14.8	-51.2		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-710.8	0.0	0.0	710.8
12- 2	|si	5	|Tz		-130.8	-5.9	0.0	131.2
5- 1	|si	9	|Ty		-499.3	0.0	5.9	499.4
							PROGR.	145.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	30498.9	4226.0	0.0	-22415.6	-35.7	-56.6		
12- 2	6494.6	8775.0	0.0	-4908.0	-130.0	-26.7		
5- 1	29049.7	2702.1	0.0	-21550.4	-14.8	-61.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-716.0	0.0	0.0	716.0
12- 2	|si	5	|Tz		-119.4	-6.1	0.0	119.9
5- 1	|si	9	|Ty		-499.1	0.0	7.2	499.3
							PROGR.	169.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	29004.6	5086.8	0.0	-22415.6	-35.7	-67.2		
12- 2	5751.9	11911.9	0.0	-4908.0	-130.0	-34.9		
5- 1	27431.2	3059.9	0.0	-21550.4	-14.8	-72.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-720.0	0.0	0.0	720.0
12- 2	|si	5	|Tz		-107.1	-6.3	0.0	107.7
5- 1	|si	9	|Ty		-498.9	0.0	8.4	499.1
							PROGR.	193.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	27255.0	5947.5	0.0	-22415.6	-35.7	-77.8		
12- 2	4812.7	15048.7	0.0	-4908.0	-130.0	-43.0		
5- 1	25557.3	3417.8	0.0	-21550.4	-14.8	-83.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-722.9	0.0	0.0	722.9
12- 2	|si	5	|Tz		-93.9	-6.5	0.0	94.6
5- 1	|si	9	|Ty		-498.6	0.0	9.6	498.9

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

| L0 = 193. |
 Z | Lc = 193. | Ro = 5.93 | lm = 32.6 | Ncr = 840959.4 | alfa (b) = 0.3400 | ki = 0.9358 |
 Y | Lc = 193. | Ro = 3.57 | lm = 54.0 | Ncr = 305877.6 | alfa (c) = 0.4900 | ki = 0.7723 |
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -22415.6 | Mzeq = 34139.2 | Myeq = 4460.7 | Ss = -898.3 (0.343)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	27244.6	5947.5	0.0	-14822.1	31.7	-38.0
12-15 |	7726.7 |	-14278.6 |	0.0 |	-5621.3 |	-142.6 |	18.7 |
7- 1 |	21586.4 |	3440.1 |	0.0 |	-10523.0 |	9.1 |	-48.8 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 2 |	Sx	Si		-546.4 |	0.0 |	0.0 |	546.4 |
12-15 | si | 6 |	Tz			-126.2 |	-6.5 |	0.0 |	126.7 |
7- 1 | si | 9 |	Ty			-242.4 |	0.0 |	5.7 |	242.6 |

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	26199.1 |	5182.8 |	0.0 |	-14822.1 |	31.7 |	-48.6 |
12-15 |	8080.4 |	-10839.6 |	0.0 |	-5621.3 |	-142.6 |	10.6 |
7- 1 |	20280.8 |	3220.4 |	0.0 |	-10523.0 |	9.1 |	-59.4 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 2 |	Sx	Si		-531.8 |	0.0 |	0.0 |	531.8 |
12-15 | si | 6 |	Tz			-137.5 |	-6.3 |	0.0 |	137.9 |
7- 1 | si | 9 |	Ty			-242.5 |	0.0 |	6.9 |	242.8 |

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	24898.1 |	4418.0 |	0.0 |	-14822.1 |	31.7 |	-59.2 |
12- 2 |	4638.1 |	8366.7 |	0.0 |	-2012.4 |	138.5 |	-11.7 |
7- 1 |	18719.7 |	3000.7 |	0.0 |	-10523.0 |	9.1 |	-70.0 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 2 |	Sx	Si		-516.0 |	0.0 |	0.0 |	516.0 |
12- 2 | si | 6 |	Tz			-91.8 |	6.1 |	0.0 |	92.5 |
7- 1 | si | 9 |	Ty			-242.6 |	0.0 |	8.1 |	243.0 |

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	23341.8 |	3653.2 |	0.0 |	-14822.1 |	31.7 |	-69.8 |
12- 2 |	4257.0 |	5025.7 |	0.0 |	-2012.4 |	138.5 |	-19.9 |
7- 1 |	16903.3 |	2780.9 |	0.0 |	-10523.0 |	9.1 |	-80.6 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 2 |	Sx	Si		-499.1 |	0.0 |	0.0 |	499.1 |
12- 2 | si | 6 |	Tz			-80.7 |	6.3 |	0.0 |	81.4 |
7- 1 | si | 9 |	Ty			-242.8 |	0.0 |	9.4 |	243.3 |

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	21530.1 |	2888.4 |	0.0 |	-14822.1 |	31.7 |	-80.4 |
12- 2 |	3679.5 |	1684.7 |	0.0 |	-2012.4 |	138.5 |	-28.0 |
7- 1 |	14831.4 |	2561.2 |	0.0 |	-10523.0 |	9.1 |	-91.2 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 2 |	Sx	Si		-481.0 |	0.0 |	0.0 |	481.0 |
12- 2 | si | 6 |	Tz			-68.6 |	6.5 |	0.0 |	69.5 |
7- 1 | si | 9 |	Ty			-242.9 |	0.0 |	10.6 |	243.6 |

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	19463.0 |	2123.6 |	0.0 |	-14822.1 |	31.7 |	-91.0 |
12- 2 |	2905.5 |	-1656.3 |	0.0 |	-2012.4 |	138.5 |	-36.2 |
7- 1 |	12504.2 |	2341.5 |	0.0 |	-10523.0 |	9.1 |	-101.8 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 2 |	Sx	Si		-461.6 |	0.0 |	0.0 |	461.6 |
12- 2 | si | 6 |	Tz			-55.6 |	6.7 |	0.0 |	56.8 |
7- 1 | si | 9 |	Ty			-243.1 |	0.0 |	11.8 |	243.9 |

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	17140.5 |	1358.8 |	0.0 |	-14822.1 |	31.7 |	-101.6 |
12- 2 |	1935.1 |	-4997.3 |	0.0 |	-2012.4 |	138.5 |	-44.3 |
7- 1 |	9921.6 |	2121.7 |	0.0 |	-10523.0 |	9.1 |	-112.3 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 2 |	Sx	Si		-441.1 |	0.0 |	0.0 |	441.1 |
12- 2 | si | 6 |	Tz			-41.6 |	6.9 |	0.0 |	43.3 |
7- 1 | si | 9 |	Ty			-243.2 |	0.0 |	13.1 |	244.2 |

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	14562.6 |	594.0 |	0.0 |	-14822.1 |	31.7 |	-112.1 |
12- 2 |	768.2 |	-8338.3 |	0.0 |	-2012.4 |	138.5 |	-52.4 |
7- 1 |	7083.6 |	1902.0 |	0.0 |	-10523.0 |	9.1 |	-122.9 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 2 |	Sx	Si		-419.5 |	0.0 |	0.0 |	419.5 |
12- 2 si 6	Tz			-26.8	7.1	0.0	29.5
7- 1 si 9	Ty			-243.3	0.0	14.3	244.6

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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6- 1	11729.3	-170.7	0.0	-14822.1	31.7	-122.7
12- 2	-595.1	-11679.3	0.0	-2012.4	138.5	-60.6
7- 1	3990.1	1682.3	0.0	-10523.0	9.1	-133.5

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	-401.0|	0.0|	0.0|	401.0|
| 12- 2|si| 6| Tz |	-11.1|	7.3|	0.0|	16.8|
| 7- 1|si| 9| Ty |	-243.5|	0.0|	15.5|	245.0|

VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -14822.1|Mzeq = 27103.8|Myeq = 4460.7|Ss = -633.5 (0.242)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	13095.8	5088.2	0.0	-8097.5	26.4	-35.3
| 12-13|	-752.5|	12945.6|	0.0|	164.2|	67.1|	36.5|
| 11- 1|	-8641.5|	-3533.5|	0.0|	5658.3|	-18.3|	77.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 2|Sx |	-313.6|	0.0|	0.0|	313.6|
| 12-13|si| 5| Tz |	43.8|	3.7|	0.0|	44.3|
| 11- 1|si| 9| Ty |	129.2|	0.0|	-9.0|	130.2|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	12146.4|	4452.2|	0.0|	-8097.5|	26.4|	-43.4|
| 12-13|	29.2|	11327.4|	0.0|	164.2|	67.1|	28.3|
| 11- 1|	-6873.7|	-3091.9|	0.0|	5658.3|	-18.3|	69.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 2|Sx |	-301.1|	0.0|	0.0|	301.1|
| 12-13|si| 5| Tz |	35.6|	3.5|	0.0|	36.1|
| 11- 1|si| 9| Ty |	129.5|	0.0|	-8.0|	130.3|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	11000.6|	3816.1|	0.0|	-8097.5|	26.4|	-51.6|
| 12-13|	614.4|	9709.2|	0.0|	164.2|	67.1|	20.2|
| 11- 1|	-5302.4|	-2650.2|	0.0|	5658.3|	-18.3|	61.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 2|Sx |	-287.7|	0.0|	0.0|	287.7|
| 12-13|si| 5| Tz |	28.3|	3.3|	0.0|	28.9|
| 11- 1|si| 9| Ty |	129.8|	0.0|	-7.1|	130.4|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	9658.3|	3180.1|	0.0|	-8097.5|	26.4|	-59.7|
| 12-16|	5049.9|	8318.2|	0.0|	-3850.3|	69.0|	-21.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 2|Sx |	-273.4|	0.0|	0.0|	273.4|
| 12-16|si| 6| Tz |	-136.3|	3.4|	0.0|	136.5|
| 11-16|si| 9| Ty |	-186.2|	0.0|	6.9|	186.5|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	8119.6|	2544.1|	0.0|	-8097.5|	26.4|	-67.9|
| 12-16|	4432.8|	6654.5|	0.0|	-3850.3|	69.0|	-29.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 2|Sx |	-258.2|	0.0|	0.0|	258.2|
| 12-16|si| 6| Tz |	-128.8|	3.6|	0.0|	128.9|
| 11-16|si| 9| Ty |	-186.6|	0.0|	7.9|	187.1|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	6384.4|	1908.1|	0.0|	-8097.5|	26.4|	-76.0|
| 12-16|	3619.3|	4990.9|	0.0|	-3850.3|	69.0|	-37.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 2|Sx |	-242.0|	0.0|	0.0|	242.0|
| 12-16|si| 6| Tz |	-120.3|	3.8|	0.0|	120.5|
| 11-16|si| 9| Ty |	-187.0|	0.0|	8.8|	187.6|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	4452.7|	1272.0|	0.0|	-8097.5|	26.4|	-84.1|
| 12-16|	2609.3|	3327.3|	0.0|	-3850.3|	69.0|	-45.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 2|Sx |	-225.0|	0.0|	0.0|	225.0|
| 12-16|si| 6| Tz |	-110.9|	4.0|	0.0|	111.2|
| 11-16|si| 9| Ty |	-187.4|	0.0|	9.8|	188.1|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	2324.6|	636.0|	0.0|	-8097.5|	26.4|	-92.3|
| 12-16|	1402.9|	1663.6|	0.0|	-3850.3|	69.0|	-54.1|
| 6- 1|	2358.1|	-21.3|	0.0|	-3724.7|	-0.9|	-92.5|

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx	Tz	Ty	Si
---------------------	----	----	----	----

Copertura area carburante - Relazione di calcolo

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| 11-16|si| 2|Sx  Si| -207.0| 0.0| 0.0| 207.0|
| 12-16|si| 6| Tz  | -100.7| 4.2| 0.0| 100.9|
| 6- 1|si| 9| Ty  | -86.6| 0.0| 10.7| 88.5|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-15| 0.0| 0.0| 0.0| -8108.4| 18.9| -100.0|
| 12-16| 0.0| 0.0| 0.0| -3850.3| 69.0| -62.2|
| 6- 1| 0.0| 0.0| 0.0| -3724.7| -0.9| -103.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-15|si| 4|Sx  | -188.4| 0.0| 0.0| 188.4|
| 12-16|si| 6| Tz  | -89.5| 4.4| 0.0| 89.8|
| 6- 1|si| 9| Ty  | -86.6| 0.0| 12.0| 89.0|
| 11-15|si| 9| Si  | -188.4| 0.0| 11.6| 189.5|
-----
VERIFICA STABILITA` :
|LO = 193.1|
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso11-16 - Nodo 2 - Asse Y
Ned = -8097.5|Mzeq = 9874.4|Myeq = 3816.1|Ss = -339.8 ( 0.130)
P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 663- 665) 1096
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -17472.7| 13.1| 217.9|
| 6- 1| 0.0| 0.0| 167.7| -17410.5| 23.7| 216.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  | -406.1| 0.0| 0.0| 406.1|
| 6- 1|si| 5| Tz  | -404.6| 18.2| 0.0| 405.8|
| 5- 1|si| 9| TySi| -406.1| 0.0| -32.6| 410.0|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 5098.4| -572.4| 167.7| -17410.5| 23.7| 206.0|
| 5- 1| 5129.3| -315.0| 172.1| -17472.7| 13.1| 207.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -435.5| 0.0| 0.0| 435.5|
| 6- 1|si| 5| Tz  | -429.8| 17.9| 0.0| 431.0|
| 5- 1|si| 9| Ty  | -406.3| 0.0| -31.4| 409.9|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 9941.4| -1144.7| 167.7| -17410.5| 23.7| 195.5|
| 5- 1| 10003.2| -630.1| 172.1| -17472.7| 13.1| 196.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -465.2| 0.0| 0.0| 465.2|
| 6- 1|si| 5| Tz  | -453.9| 17.7| 0.0| 454.9|
| 5- 1|si| 9| Ty  | -406.5| 0.0| -30.1| 409.8|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 14529.0| -1717.1| 167.7| -17410.5| 23.7| 184.9|
| 5- 1| 14621.7| -945.1| 172.1| -17472.7| 13.1| 186.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -493.8| 0.0| 0.0| 493.8|
| 6- 1|si| 5| Tz  | -476.7| 17.4| 0.0| 477.7|
| 5- 1|si| 9| Ty  | -406.7| 0.0| -28.9| 409.7|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 18861.2| -2289.5| 167.7| -17410.5| 23.7| 174.3|
| 5- 1| 18984.8| -1260.2| 172.1| -17472.7| 13.1| 175.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -521.1| 0.0| 0.0| 521.1|
| 6- 1|si| 5| Tz  | -498.4| 17.2| 0.0| 499.3|
| 5- 1|si| 9| Ty  | -406.9| 0.0| -27.7| 409.7|
-----
PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 22938.0| -2861.8| 167.7| -17410.5| 23.7| 163.7|
| 5- 1| 23092.5| -1575.2| 172.1| -17472.7| 13.1| 165.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -547.3| 0.0| 0.0| 547.3|
| 6- 1|si| 5| Tz  | -518.9| 16.9| 0.0| 519.7|
| 5- 1|si| 9| Ty  | -407.1| 0.0| -26.4| 409.6|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 26759.4| -3434.2| 167.7| -17410.5| 23.7| 153.1|
| 5- 1| 26944.8| -1890.2| 172.1| -17472.7| 13.1| 154.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -572.3| 0.0| 0.0| 572.3|
| 6- 1|si| 5| Tz  | -538.2| 16.7| 0.0| 539.0|
| 5- 1|si| 9| Ty  | -407.3| 0.0| -25.2| 409.6|
-----
PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 30325.4| -4006.5| 167.7| -17410.5| 23.7| 142.5|

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Copertura area carburante - Relazione di calcolo

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| 5- 1|      30541.7| -2205.3|      172.1| -17472.7|      13.1|      143.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -596.1|      0.0|      0.0| 596.1|
| 6- 1|si| 5|  Tz |      -556.4|      16.5|      0.0| 557.1|
| 5- 1|si| 9|  Ty |      -407.5|      0.0|     -24.0| 409.6|
----- PROGR.      193.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      33636.0| -4578.9|      167.7| -17410.5|      23.7|      131.9|
| 5- 1|      33883.2| -2520.3|      172.1| -17472.7|      13.1|      133.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -618.7|      0.0|      0.0| 618.7|
| 6- 1|si| 5|  Tz |      -573.3|      16.2|      0.0| 574.0|
| 5- 1|si| 9|  Ty |      -407.7|      0.0|     -22.8| 409.6|
-----
VERIFICA STABILITA` :
|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -17410.5|MzEq = 25227.0|MyEq = -3434.2|Ss = -689.6 ( 0.263)
P_HEB140_S006 ( 6)      stato limite ultimo - ASTA ( 665- 667) 1098
----- PROGR.      0.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      33635.9| -4309.7|     -91.1| -31257.0|     -26.6|      116.3|
| 8- 1|      30174.8| -5726.7|     -82.4| -28315.7|     -45.2|      109.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -937.1|      0.0|      0.0| 937.1|
| 8- 1|si| 6|  Tz |      -781.7|     -10.4|      0.0| 781.9|
| 6- 1|si| 9|  Ty |      -729.1|      0.0|     -17.4| 729.8|
----- PROGR.      24.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      36313.8| -3667.6|     -91.1| -31257.0|     -26.6|      105.7|
| 8- 1|      32697.3| -4636.5|     -82.4| -28315.7|     -45.2|      99.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -941.3|      0.0|      0.0| 941.3|
| 8- 1|si| 6|  Tz |      -796.4|     -10.2|      0.0| 796.6|
| 6- 1|si| 9|  Ty |      -728.7|      0.0|     -16.1| 729.3|
----- PROGR.      48.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      38736.2| -3025.4|     -91.1| -31257.0|     -26.6|      95.1|
| 8- 1|      34964.5| -3546.3|     -82.4| -28315.7|     -45.2|      88.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -944.3|      0.0|      0.0| 944.3|
| 8- 1|si| 6|  Tz |      -810.0|     -9.9|      0.0| 810.2|
| 6- 1|si| 9|  Ty |      -728.3|      0.0|     -14.9| 728.8|
----- PROGR.      72.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      40903.3| -2383.3|     -91.1| -31257.0|     -26.6|      84.5|
| 8- 1|      36976.2| -2456.1|     -82.4| -28315.7|     -45.2|      78.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -946.2|      0.0|      0.0| 946.2|
| 8- 1|si| 6|  Tz |      -822.4|     -9.7|      0.0| 822.5|
| 6- 1|si| 9|  Ty |      -727.9|      0.0|     -13.7| 728.3|
----- PROGR.      96.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      42917.2| -2079.8|     -91.7| -31255.5|      2.4|      72.4|
| 8- 1|      38732.6| -1365.9|     -82.4| -28315.7|     -45.2|      67.5|
| 6- 1|      42815.0| -1741.2|     -91.1| -31257.0|     -26.6|      73.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -951.6|      0.0|      0.0| 951.6|
| 8- 1|si| 6|  Tz |      -833.6|     -9.5|      0.0| 833.7|
| 6- 1|si| 9|  Ty |      -727.5|      0.0|     -12.4| 727.8|
----- PROGR.      121.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      44537.2| -2137.1|     -91.7| -31255.5|      2.4|      61.9|
| 8- 1|      40233.6| -275.7|     -82.4| -28315.7|     -45.2|      56.9|
| 6- 1|      44471.3| -1099.0|     -91.1| -31257.0|     -26.6|      63.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -959.9|      0.0|      0.0| 959.9|
| 8- 1|si| 6|  Tz |      -843.6|     -9.2|      0.0| 843.8|
| 6- 1|si| 9|  Ty |      -727.1|      0.0|     -11.2| 727.4|
----- PROGR.      145.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      45901.8| -2194.3|     -91.7| -31255.5|      2.4|      51.3|
| 8- 1|      41479.1|      814.4|     -82.4| -28315.7|     -45.2|      46.3|
| 6- 1|      45872.2| -456.9|     -91.1| -31257.0|     -26.6|      52.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -966.9|      0.0|      0.0| 966.9|
| 8- 1|si| 6|  Tz |      -852.5|     -9.0|      0.0| 852.6|
| 6- 1|si| 9|  Ty |      -726.7|      0.0|     -10.0| 726.9|

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Copertura area carburante - Relazione di calcolo

----- PROGR. 169.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1|	47011.0|	-2251.6|	-91.7|	-31255.5|	2.4|	40.7|			
8- 1|	42469.3|	1904.6|	-82.4|	-28315.7|	-45.2|	35.8|			
6- 1|	47017.7|	185.2|	-91.1|	-31257.0|	-26.6|	42.2|			
TENSIONI (Sz= 0.00) :									
Caso	Ve|No|massimi	Sx	Tz	Ty	Si				
5- 1|si| 1|Sx	Si|	-972.8|	0.0|	0.0|	972.8|				
8- 1|si| 6|	Tz	-860.1|	-8.7|	0.0|	860.2|				
6- 1|si| 9|	Ty	-726.3|	0.0|	-8.8|	726.4|				
----- PROGR. 193.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1|	47864.8|	-2308.8|	-91.7|	-31255.5|	2.4|	30.1|			
8- 1|	43204.1|	2994.8|	-82.4|	-28315.7|	-45.2|	25.2|			
6- 1|	47907.7|	827.4|	-91.1|	-31257.0|	-26.6|	31.6|			
TENSIONI (Sz= 0.00) :									
Caso	Ve|No|massimi	Sx	Tz	Ty	Si				
5- 1|si| 1|Sx	Si|	-977.5|	0.0|	0.0|	977.5|				
8- 1|si| 6|	Tz	-866.6|	-8.5|	0.0|	866.7|				
6- 1|si| 9|	Ty	-725.9|	0.0|	-7.5|	726.0|				

VERIFICA STABILITA` :									
|L0 = 193. |									
Z	|Lc = 193. |	Ro = 5.93|	lm = 32.6|	Ncr= 840959.4|	alfa(b)=0.3400|	ki=0.9358|			
Y	|Lc = 193. |	Ro = 3.57|	lm = 54.0|	Ncr= 305877.6|	alfa(c)=0.4900|	ki=0.7723|			
Caso 6- 1 - Nodo 1 - Asse Y									
Ned = -31257.0|Mzeq = 47907.7|Myeq = -3232.3|Ss = -1216.9 (0.465)									
P_HEB140_S006 (6) stato limite ultimo - ASTA (667- 669) 1100									
----- PROGR. 0.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1|	47864.5|	-2038.5|	-57.5|	-40223.0|	-9.1|	90.3|			
8- 1|	43203.7|	2983.4|	-49.0|	-36306.1|	31.0|	85.1|			
TENSIONI (Sz= 0.00) :									
Caso	Ve|No|massimi	Sx	Tz	Ty	Si				
5- 1|si| 1|Sx	Si|	-1182.4|	0.0|	0.0|	1182.4|				
8- 1|si| 5|	Tz	-1035.4|	6.8|	0.0|	1035.5|				
5- 1|si| 9|	Ty	-936.1|	0.0|	-12.9|	936.3|				
----- PROGR. 24.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1|	49915.8|	-1818.3|	-57.5|	-40223.0|	-9.1|	79.7|			
8- 1|	45129.0|	2235.9|	-49.0|	-36306.1|	31.0|	74.5|			
TENSIONI (Sz= 0.00) :									
Caso	Ve|No|massimi	Sx	Tz	Ty	Si				
5- 1|si| 1|Sx	Si|	-1189.1|	0.0|	0.0|	1189.1|				
8- 1|si| 5|	Tz	-1046.4|	6.6|	0.0|	1046.5|				
5- 1|si| 9|	Ty	-935.9|	0.0|	-11.7|	936.1|				
----- PROGR. 48.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1|	51711.7|	-1598.2|	-57.5|	-40223.0|	-9.1|	69.1|			
8- 1|	46799.0|	1488.4|	-49.0|	-36306.1|	31.0|	63.9|			
TENSIONI (Sz= 0.00) :									
Caso	Ve|No|massimi	Sx	Tz	Ty	Si				
5- 1|si| 1|Sx	Si|	-1194.6|	0.0|	0.0|	1194.6|				
8- 1|si| 5|	Tz	-1056.3|	6.3|	0.0|	1056.3|				
5- 1|si| 9|	Ty	-935.8|	0.0|	-10.5|	936.0|				
----- PROGR. 72.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1|	53252.2|	-1378.1|	-57.5|	-40223.0|	-9.1|	58.6|			
8- 1|	48213.5|	740.9|	-49.0|	-36306.1|	31.0|	53.3|			
TENSIONI (Sz= 0.00) :									
Caso	Ve|No|massimi	Sx	Tz	Ty	Si				
5- 1|si| 1|Sx	Si|	-1199.0|	0.0|	0.0|	1199.0|				
8- 1|si| 5|	Tz	-1065.0|	6.1|	0.0|	1065.0|				
5- 1|si| 9|	Ty	-935.6|	0.0|	-9.2|	935.8|				
----- PROGR. 96.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1|	54537.3|	-1158.0|	-57.5|	-40223.0|	-9.1|	48.0|			
8- 1|	49372.7|	-6.6|	-49.0|	-36306.1|	31.0|	42.8|			
TENSIONI (Sz= 0.00) :									
Caso	Ve|No|massimi	Sx	Tz	Ty	Si				
5- 1|si| 1|Sx	Si|	-1202.1|	0.0|	0.0|	1202.1|				
8- 1|si| 5|	Tz	-1072.4|	5.9|	0.0|	1072.5|				
5- 1|si| 9|	Ty	-935.5|	0.0|	-8.0|	935.6|				
----- PROGR. 121.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1|	55567.1|	-937.9|	-57.5|	-40223.0|	-9.1|	37.4|			
12-14|	12269.2|	-1663.6|	-12.3|	-8656.5|	-111.4|	1.1|			
TENSIONI (Sz= 0.00) :									
Caso	Ve|No|massimi	Sx	Tz	Ty	Si				
5- 1|si| 1|Sx	Si|	-1204.1|	0.0|	0.0|	1204.1|				
12-14|si| 6|	Tz	-253.3|	-5.6|	0.0|	253.5|				
5- 1|si| 9|	Ty	-935.4|	0.0|	-6.8|	935.4|				
----- PROGR. 145.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
6- 1|	56457.8|	-1185.3|	-54.2|	-40236.0|	13.7|	27.3|			
12-14|	12198.6|	1022.8|	-12.3|	-8656.5|	-111.4|	-7.0|			
5- 1|	56341.4|	-717.8|	-57.5|	-40223.0|	-9.1|	26.8|			
TENSIONI (Sz= 0.00) :									

Copertura area carburante - Relazione di calcolo

| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1211.6|	0.0|	0.0|	1211.6|	
| 12-14|	|si| 5| Tz	-254.8|	-5.8|	0.0|	255.0|	
| 5- 1|	|si| 9| Ty	-935.2|	0.0|	-5.5|	935.3|	
-----						PROGR. 169.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	56989.0|	-1514.7|	-54.2|	-40236.0|	13.7|	16.7|
| 12-14|	11931.6|	3709.2|	-12.3|	-8656.5|	-111.4|	-15.1|
| 5- 1|	56860.3|	-497.7|	-57.5|	-40223.0|	-9.1|	16.2|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1218.3|	0.0|	0.0|	1218.3|	
| 12-14|	|si| 5| Tz	-246.0|	-6.0|	0.0|	246.2|	
| 5- 1|	|si| 9| Ty	-935.1|	0.0|	-4.3|	935.1|	
-----						PROGR. 193.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	57264.8|	-1844.1|	-54.2|	-40236.0|	13.7|	6.1|
| 12-14|	11468.0|	6395.7|	-12.3|	-8656.5|	-111.4|	-23.3|
| 8- 2|	9313.7|	2430.9|	-10.8|	-7646.0|	-36.6|	-37.9|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1223.8|	0.0|	0.0|	1223.8|	
| 12-14|	|si| 5| Tz	-236.3|	-6.1|	0.0|	236.5|	
| 8- 2|	|si| 9| Ty	-176.1|	0.0|	4.9|	176.3|	

VERIFICA STABILITA` :						
|L0 = 193.1|						
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|						
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|						
Caso 5- 1 - Nodo 1 - Asse Y						
Ned = -40223.0|Mzeq = 57123.8|Myeq = -1528.8|Ss = -1510.7 (0.577)						
P_HEB140_S006 (6) stato limite ultimo - ASTA (669- 671) 1102						
-----						PROGR. 0.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	57264.5|	-1955.2|	-16.1|	-42668.8|	-3.4|	-12.5|
| 12- 9|	11422.2|	5750.4|	-6.6|	-9100.1|	30.8|	21.3|
| 8- 2|	9313.6|	2081.1|	-3.2|	-8076.5|	12.1|	34.5|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1281.7|	0.0|	0.0|	1281.7|	
| 12- 9|	|si| 5| Tz	-248.2|	2.3|	0.0|	248.2|	
| 8- 2|	|si| 9| Ty	-186.4|	0.0|	-4.1|	186.5|	
-----						PROGR. 24.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	56835.5|	-1874.3|	-16.1|	-42668.8|	-3.4|	-23.1|
| 5- 1|	56711.6|	-413.4|	-20.0|	-42578.5|	6.8|	-22.4|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1278.7|	0.0|	0.0|	1278.7|	
| 5- 1|	|si| 6| Tz	-1251.0|	2.3|	0.0|	1251.0|	
| 5- 1|	|si| 9| Ty	-989.8|	0.0|	3.4|	989.8|	
-----						PROGR. 48.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	56151.1|	-1793.3|	-16.1|	-42668.8|	-3.4|	-33.7|
| 5- 1|	56044.3|	-577.3|	-20.0|	-42578.5|	6.8|	-33.0|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1274.5|	0.0|	0.0|	1274.5|	
| 5- 1|	|si| 6| Tz	-1247.4|	2.5|	0.0|	1247.5|	
| 5- 1|	|si| 9| Ty	-989.9|	0.0|	4.7|	989.9|	
-----						PROGR. 72.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	55211.3|	-1712.3|	-16.1|	-42668.8|	-3.4|	-44.2|
| 5- 1|	55121.5|	-741.2|	-20.0|	-42578.5|	6.8|	-43.5|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1269.1|	0.0|	0.0|	1269.1|	
| 5- 1|	|si| 6| Tz	-1242.7|	2.7|	0.0|	1242.7|	
| 5- 1|	|si| 9| Ty	-990.0|	0.0|	5.9|	990.0|	
-----						PROGR. 96.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	54016.1|	-1631.3|	-16.1|	-42668.8|	-3.4|	-54.8|
| 5- 1|	53943.3|	-905.1|	-20.0|	-42578.5|	6.8|	-54.1|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1262.6|	0.0|	0.0|	1262.6|	
| 5- 1|	|si| 6| Tz	-1236.8|	3.0|	0.0|	1236.8|	
| 5- 1|	|si| 9| Ty	-990.1|	0.0|	7.1|	990.2|	
-----						PROGR. 121.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	52565.5|	-1550.3|	-16.1|	-42668.8|	-3.4|	-65.4|
| 5- 1|	52509.7|	-1069.0|	-20.0|	-42578.5|	6.8|	-64.7|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 6- 1|	|si| 1|Sx Si|	-1254.8|	0.0|	0.0|	1254.8|	
| 5- 1|	|si| 6| Tz	-1229.7|	3.2|	0.0|	1229.7|	
| 5- 1|	|si| 9| Ty	-990.2|	0.0|	8.4|	990.3|	
-----						PROGR. 145.
SOLLECITAZIONI :						

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	50859.5|	-1469.3|	-16.1|	-42668.8|	-3.4|	-76.0|
| 5- 1|	50820.7|	-1232.8|	-20.0|	-42578.5|	6.8|	-75.3|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 1|Sx	Si| -1245.9|	0.0|	0.0|	1245.9|	
| 5- 1|	si| 6| Tz	| -1221.4|	3.5|	0.0|	1221.4|	
| 5- 1|	si| 9| Ty	| -990.3|	0.0|	9.6|	990.4|	
----- PROGR. 169.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	48898.1|	-1388.4|	-16.1|	-42668.8|	-3.4|	-86.6|
| 5- 1|	48876.4|	-1396.7|	-20.0|	-42578.5|	6.8|	-85.9|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 1|Sx	Si| -1235.8|	0.0|	0.0|	1235.8|	
| 5- 1|	si| 6| Tz	| -1211.9|	3.7|	0.0|	1212.0|	
| 5- 1|	si| 9| Ty	| -990.4|	0.0|	10.8|	990.6|	
----- PROGR. 193.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	46676.6|	-1560.6|	-20.0|	-42578.5|	6.8|	-96.5|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|	si| 1|Sx	Si| -1225.6|	0.0|	0.0|	1225.6|	
| 5- 1|	si| 6| Tz	| -1201.3|	4.0|	0.0|	1201.3|	
| 5- 1|	si| 9| Ty	| -990.5|	0.0|	12.1|	990.7|	
----- PROGR. 193.						
VERIFICA STABILITA` :						
|L0 = 193. |						
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|						
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|						
Caso 6- 1 - Nodo 1 - Asse Y						
Ned = -42668.8|Mzeq = 57264.5|Myeq = -1955.2|Ss = -1592.3 (0.608)						
P_HEB140_S006 (6) stato limite ultimo - ASTA (671- 673) 1104						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	46681.2|	-1796.7|	18.1|	-42670.2|	-15.6|	90.6|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 1|Sx	Si| -1230.7|	0.0|	0.0|	1230.7|	
| 6- 1|	si| 6| Tz	| -1202.8|	-4.1|	0.0|	1202.8|	
| 6- 1|	si| 9| Ty	| -992.8|	0.0|	-11.3|	993.0|	
----- PROGR. 24.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	48739.2|	-1420.9|	18.1|	-42670.2|	-15.6|	80.0|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 1|Sx	Si| -1235.5|	0.0|	0.0|	1235.5|	
| 6- 1|	si| 6| Tz	| -1213.4|	-3.8|	0.0|	1213.4|	
| 6- 1|	si| 9| Ty	| -992.5|	0.0|	-10.1|	992.7|	
----- PROGR. 48.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	50541.8|	-1045.1|	18.1|	-42670.2|	-15.6|	69.4|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 1|Sx	Si| -1239.0|	0.0|	0.0|	1239.0|	
| 6- 1|	si| 6| Tz	| -1222.8|	-3.6|	0.0|	1222.8|	
| 6- 1|	si| 9| Ty	| -992.3|	0.0|	-8.8|	992.4|	
----- PROGR. 72.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	52089.0|	-669.4|	18.1|	-42670.2|	-15.6|	58.8|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 1|Sx	Si| -1241.4|	0.0|	0.0|	1241.4|	
| 6- 1|	si| 6| Tz	| -1231.0|	-3.3|	0.0|	1231.0|	
| 6- 1|	si| 9| Ty	| -992.1|	0.0|	-7.6|	992.1|	
----- PROGR. 96.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	53380.9|	-293.6|	18.1|	-42670.2|	-15.6|	48.3|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 1|Sx	Si| -1242.6|	0.0|	0.0|	1242.6|	
| 6- 1|	si| 6| Tz	| -1238.0|	-3.1|	0.0|	1238.1|	
| 6- 1|	si| 9| Ty	| -991.8|	0.0|	-6.4|	991.9|	
----- PROGR. 121.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	54238.7|	862.6|	14.4|	-42607.4|	-21.4|	36.2|
| 12-16|	12107.0|	6187.9|	6.4|	-9261.8|	-55.6|	3.0|
| 6- 1|	54417.3|	82.2|	18.1|	-42670.2|	-15.6|	37.7|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|	si| 2|Sx	Si| -1252.4|	0.0|	0.0|	1252.4|	
| 12-16|	si| 6| Tz	| -288.8|	-2.9|	0.0|	288.8|	
| 6- 1|	si| 9| Ty	| -991.6|	0.0|	-5.1|	991.6|	
----- PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	54984.9|	1378.9|	14.4|	-42607.4|	-21.4|	25.6|
| 12-16|	12080.9|	7530.0|	6.4|	-9261.8|	-55.6|	-5.2|
6- 1	55198.3	458.0	18.1	-42670.2	-15.6	27.1

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si| -1262.4| 0.0| 0.0| 1262.4|
| 12-16| |si| 5| Tz | -250.0| -2.9| 0.0| 250.0|
| 6- 1| |si| 9| Ty | -991.3| 0.0| -3.9| 991.4|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 55475.8| 1895.2| 14.4| -42607.4| -21.4| 15.1|
| 12-16| 11858.4| 8872.2| 6.4| -9261.8| -55.6| -13.3|
| 8- 2| 9737.0| 2386.7| 3.5| -8076.8| -16.2| -25.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si| -1271.2| 0.0| 0.0| 1271.2|
| 12-16| |si| 5| Tz | -245.1| -3.1| 0.0| 245.2|
| 8- 2| |si| 9| Ty | -186.2| 0.0| 3.1| 186.3|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 55711.2| 2411.5| 14.4| -42607.4| -21.4| 4.5|
| 12-16| 11439.5| 10214.4| 6.4| -9261.8| -55.6| -21.4|
| 8- 2| 8991.4| 2776.7| 3.5| -8076.8| -16.2| -36.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si| -1278.9| 0.0| 0.0| 1278.9|
| 12-16| |si| 5| Tz | -239.4| -3.3| 0.0| 239.5|
| 8- 2| |si| 9| Ty | -185.9| 0.0| 4.4| 186.1|
-----
PROGR. 193.

VERIFICA STABILITA` :
| L0 = 193. |
Z | Lc = 193. | Ro = 5.93 | lm = 32.6 | Ncr = 840959.4 | alfa(b) = 0.3400 | ki = 0.9358 |
Y | Lc = 193. | Ro = 3.57 | lm = 54.0 | Ncr = 305877.6 | alfa(c) = 0.4900 | ki = 0.7723 |
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -42607.4 | Mzeq = 55711.2 | Myeq = 1808.6 | Ss = -1580.7 ( 0.604)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 673- 675) 1106
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 55710.9| 2381.0| 56.7| -38790.7| 9.2| -7.0|
| 12-11| 11355.5| 10544.8| 11.9| -8474.5| 134.9| 28.5|
| 7- 2| 9463.0| 171.9| 15.1| -7568.5| -2.5| 39.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si| -1189.8| 0.0| 0.0| 1189.8|
| 12-11| |si| 5| Tz | -219.8| 7.2| 0.0| 220.2|
| 7- 2| |si| 9| Ty | -175.8| 0.0| -5.2| 176.0|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 55414.6| 2158.8| 56.7| -38790.7| 9.2| -17.6|
| 12-11| 11943.7| 7291.1| 11.9| -8474.5| 134.9| 20.3|
| 6- 1| 55711.3| 1031.8| 58.7| -38928.6| -14.7| -17.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si| -1185.6| 0.0| 0.0| 1185.6|
| 12-11| |si| 5| Tz | -231.7| 7.0| 0.0| 232.0|
| 6- 1| |si| 9| Ty | -904.0| 0.0| 4.5| 904.1|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 54862.9| 1936.5| 56.7| -38790.7| 9.2| -28.2|
| 12-11| 12335.4| 4037.3| 11.9| -8474.5| 134.9| 12.2|
| 6- 1| 55173.3| 1385.5| 58.7| -38928.6| -14.7| -27.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si| -1180.2| 0.0| 0.0| 1180.2|
| 12-11| |si| 5| Tz | -242.7| 6.9| 0.0| 243.0|
| 6- 1| |si| 9| Ty | -903.8| 0.0| 5.7| 903.9|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 54379.8| 1739.3| 58.7| -38928.6| -14.7| -38.2|
| 12-11| 12530.6| 783.6| 11.9| -8474.5| 134.9| 4.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 6- 1| |si| 2|Sx | Si| -1178.7| 0.0| 0.0| 1178.7|
| 12-11| |si| 5| Tz | -252.8| 6.7| 0.0| 253.0|
| 6- 1| |si| 9| Ty | -903.6| 0.0| 6.9| 903.7|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 53331.0| 2093.0| 58.7| -38928.6| -14.7| -48.8|
| 12-11| 12529.4| -2470.1| 11.9| -8474.5| 134.9| -4.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 6- 1| |si| 2|Sx | Si| -1178.3| 0.0| 0.0| 1178.3|
| 12-11| |si| 6| Tz | -248.0| 6.7| 0.0| 248.3|
| 6- 1| |si| 9| Ty | -903.3| 0.0| 8.1| 903.5|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 52026.7| 2446.7| 58.7| -38928.6| -14.7| -59.4|
| 12-11| 12331.8| -5723.9| 11.9| -8474.5| 134.9| -12.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 6- 1| |si| 2|Sx | Si| -1176.8| 0.0| 0.0| 1176.8|
| 12-11| |si| 6| Tz | -237.9| 6.9| 0.0| 238.2|

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Copertura area carburante - Relazione di calcolo

6- 1 si 9	Ty	-903.1	0.0	9.4	903.3		
----- PROGR. 145.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	50467.1|	2800.5|	58.7|	-38928.6|	-14.7|	-69.9|	
| 12-11|	11937.7|	-8977.6|	11.9|	-8474.5|	134.9|	-20.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si|	-1174.1|	0.0|	0.0|	1174.1|		
| 12-11|si| 6|	Tz	-226.9|	7.1|	0.0|	227.2|		
| 6- 1|si| 9|	Ty	-902.9|	0.0|	10.6|	903.1|		
----- PROGR. 169.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	48652.1|	3154.2|	58.7|	-38928.6|	-14.7|	-80.5|	
| 12-11|	11347.1|	-12231.4|	11.9|	-8474.5|	134.9|	-28.6|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si|	-1170.2|	0.0|	0.0|	1170.2|		
| 12-11|si| 6|	Tz	-215.0|	7.2|	0.0|	215.4|		
| 6- 1|si| 9|	Ty	-902.7|	0.0|	11.8|	902.9|		
----- PROGR. 193.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	46581.7|	3508.0|	58.7|	-38928.6|	-14.7|	-91.1|	
| 12-11|	10560.0|	-15485.1|	11.9|	-8474.5|	134.9|	-36.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si|	-1165.1|	0.0|	0.0|	1165.1|		
| 12-11|si| 6|	Tz	-202.2|	7.4|	0.0|	202.6|		
| 6- 1|si| 9|	Ty	-902.4|	0.0|	13.1|	902.7|		

VERIFICA STABILITA` :							
|L0 = 193.1|							
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|							
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|							
Caso 6- 1 - Nodo 2 - Asse Y							
Ned = -38928.6|Mzeq = 55993.9|Myeq = 2720.9|Ss = -1483.1 (0.566)							
P_HEB140_S006 (6) stato limite ultimo - ASTA (675- 677) 1108							
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	46581.1|	3601.1|	96.1|	-34146.4|	27.1|	-3.3|	
| 8- 1|	41882.4|	5514.7|	86.9|	-30740.7|	45.7|	0.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si|	-1055.1|	0.0|	0.0|	1055.1|		
| 8- 1|si| 5|	Tz	-892.8|	8.3|	0.0|	892.9|		
| 6- 1|si| 9|	Ty	-791.3|	0.0|	4.4|	791.3|		
----- PROGR. 24.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	46373.8|	2947.3|	96.1|	-34146.4|	27.1|	-13.9|	
| 8- 1|	41775.2|	4411.2|	86.9|	-30740.7|	45.7|	-9.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si|	-1045.9|	0.0|	0.0|	1045.9|		
| 8- 1|si| 6|	Tz	-920.3|	8.5|	0.0|	920.4|		
| 6- 1|si| 9|	Ty	-791.7|	0.0|	5.7|	791.7|		
----- PROGR. 48.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	45911.0|	2293.5|	96.1|	-34146.4|	27.1|	-24.5|	
| 8- 1|	41412.6|	3307.7|	86.9|	-30740.7|	45.7|	-20.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si|	-1035.4|	0.0|	0.0|	1035.4|		
| 8- 1|si| 6|	Tz	-915.5|	8.7|	0.0|	915.7|		
| 6- 1|si| 9|	Ty	-792.1|	0.0|	6.9|	792.2|		
----- PROGR. 72.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	45192.9|	1639.7|	96.1|	-34146.4|	27.1|	-35.1|	
| 8- 1|	40794.6|	2204.2|	86.9|	-30740.7|	45.7|	-30.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si|	-1023.7|	0.0|	0.0|	1023.7|		
| 8- 1|si| 6|	Tz	-909.6|	9.0|	0.0|	909.7|		
| 6- 1|si| 9|	Ty	-792.5|	0.0|	8.1|	792.6|		
----- PROGR. 96.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	44219.4|	985.9|	96.1|	-34146.4|	27.1|	-45.6|	
| 8- 1|	39921.2|	1100.8|	86.9|	-30740.7|	45.7|	-41.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 2|Sx	Si|	-1010.9|	0.0|	0.0|	1010.9|		
| 8- 1|si| 6|	Tz	-902.4|	9.2|	0.0|	902.5|		
| 6- 1|si| 9|	Ty	-792.9|	0.0|	9.4|	793.1|		
----- PROGR. 121.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	42922.7|	694.8|	97.7|	-34123.7|	2.9|	-53.5|	
| 8- 1|	38792.4|	-2.7|	86.9|	-30740.7|	45.7|	-52.1|	
| 6- 1|	42990.5|	332.1|	96.1|	-34146.4|	27.1|	-56.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 2|Sx	Si	-1000.7|	0.0|	0.0|	1000.7|			
| 8- 1|si| 6| Tz		-894.1|	9.4|	0.0|	894.2|			
| 6- 1|si| 9| Ty		-793.3|	0.0|	10.6|	793.5|			
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	41503.3|	625.6|	97.7|	-34123.7|	2.9|	-64.1|		
| 8- 1|	37408.2|	-1106.2|	86.9|	-30740.7|	45.7|	-62.7|		
| 6- 1|	41506.1|	-321.7|	96.1|	-34146.4|	27.1|	-66.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-993.2|	0.0|	0.0|	993.2|			
| 8- 1|si| 6| Tz		-884.5|	9.7|	0.0|	884.7|			
| 6- 1|si| 9| Ty		-793.8|	0.0|	11.8|	794.0|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	39766.4|	-975.5|	96.1|	-34146.4|	27.1|	-77.4|		
| 8- 1|	35768.6|	-2209.7|	86.9|	-30740.7|	45.7|	-73.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-990.1|	0.0|	0.0|	990.1|			
| 8- 1|si| 6| Tz		-873.8|	9.9|	0.0|	874.0|			
| 6- 1|si| 9| Ty		-794.2|	0.0|	13.1|	794.5|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	37771.3|	-1629.3|	96.1|	-34146.4|	27.1|	-88.0|		
| 8- 1|	33873.6|	-3313.1|	86.9|	-30740.7|	45.7|	-83.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-989.2|	0.0|	0.0|	989.2|			
| 8- 1|si| 6| Tz		-861.9|	10.2|	0.0|	862.1|			
| 6- 1|si| 9| Ty		-794.6|	0.0|	14.3|	795.0|			
-----							PROGR.	193.
VERIFICA STABILITA` :								
|L0 =	193. |							
Z |Lc =	193. |Ro =	5.93|lm =	32.6|Ncr=	840959.4|alfa(b)=	0.3400|ki=	0.9358|		
Y |Lc =	193. |Ro =	3.57|lm =	54.0|Ncr=	305877.6|alfa(c)=	0.4900|ki=	0.7723|		
Caso 6- 1 - Nodo 2 - Asse Y								
Ned =	-34146.4|Mzeq =	46581.1|Myeq =	2700.8|Ss =	-1291.1 (0.493)				
P_HEB140_S006 (6) stato limite ultimo - ASTA (677- 679) 1110								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	37771.3|	-1155.9|	0.0|	-18898.5|	-6.0|	-153.4|		
| 5- 1|	37898.2|	1252.5|	0.0|	-18786.7|	6.5|	-154.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-628.9|	0.0|	0.0|	628.9|			
| 5- 1|si| 6| Tz		-615.7|	3.8|	0.0|	615.7|			
| 5- 1|si| 9| Ty		-435.8|	0.0|	17.9|	436.9|			
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	33943.7|	-1011.4|	0.0|	-18898.5|	-6.0|	-163.9|		
| 5- 1|	34054.8|	1095.9|	0.0|	-18786.7|	6.5|	-164.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-609.3|	0.0|	0.0|	609.3|			
| 5- 1|si| 6| Tz		-597.4|	4.1|	0.0|	597.5|			
| 5- 1|si| 9| Ty		-435.9|	0.0|	19.1|	437.2|			
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	29860.8|	-866.9|	0.0|	-18898.5|	-6.0|	-174.5|		
| 5- 1|	29956.0|	939.3|	0.0|	-18786.7|	6.5|	-175.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-588.5|	0.0|	0.0|	588.5|			
| 5- 1|si| 6| Tz		-578.0|	4.3|	0.0|	578.0|			
| 5- 1|si| 9| Ty		-436.0|	0.0|	20.4|	437.4|			
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	25522.5|	-722.4|	0.0|	-18898.5|	-6.0|	-185.1|		
| 5- 1|	25601.8|	782.8|	0.0|	-18786.7|	6.5|	-185.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-566.6|	0.0|	0.0|	566.6|			
| 5- 1|si| 6| Tz		-557.4|	4.6|	0.0|	557.4|			
| 5- 1|si| 9| Ty		-436.1|	0.0|	21.6|	437.7|			
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	20928.8|	-577.9|	0.0|	-18898.5|	-6.0|	-195.7|		
| 5- 1|	20992.3|	626.2|	0.0|	-18786.7|	6.5|	-196.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-543.5|	0.0|	0.0|	543.5|			
| 5- 1|si| 6| Tz		-535.6|	4.8|	0.0|	535.7|			
| 5- 1|si| 9| Ty		-436.2|	0.0|	22.8|	438.0|			
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	16079.7|	-433.5|	0.0|	-18898.5|	-6.0|	-206.3|		
5- 1	16127.3	469.7	0.0	-18786.7	6.5	-206.9		

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -519.2| 0.0| 0.0| 519.2|
| 5- 1|si| 6| Tz | | -512.6| 5.1| 0.0| 512.7|
| 5- 1|si| 9| Ty | | -436.3| 0.0| 24.0| 438.3|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 10975.2| -289.0| 0.0| -18898.5| -6.0| -216.9|
| 5- 1| 11006.9| 313.1| 0.0| -18786.7| 6.5| -217.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -493.7| 0.0| 0.0| 493.7|
| 5- 1|si| 6| Tz | | -488.5| 5.3| 0.0| 488.5|
| 5- 1|si| 9| Ty | | -436.4| 0.0| 25.3| 438.6|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 5615.3| -144.5| 0.0| -18898.5| -6.0| -227.5|
| 5- 1| 5631.2| 156.6| 0.0| -18786.7| 6.5| -228.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -467.0| 0.0| 0.0| 467.0|
| 5- 1|si| 6| Tz | | -463.1| 5.5| 0.0| 463.2|
| 5- 1|si| 9| Ty | | -436.5| 0.0| 26.5| 438.9|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -18898.5| -6.0| -238.1|
| 5- 1| 0.0| 0.0| 0.0| -18786.7| 6.5| -238.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | | -439.2| 0.0| 0.0| 439.2|
| 5- 1|si| 6| Tz | | -436.6| 5.8| 0.0| 436.7|
| 5- 1|si| 9| Ty | | -436.6| 0.0| 27.7| 439.2|
| 6- 1|si| 9| Si | | -439.2| 0.0| 27.7| 441.8|
-----
PROGR. 193.

VERIFICA STABILITA` :
| L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -18898.5|Mzeq = 28328.4|Myeq = -866.9|Ss = -714.7 ( 0.273)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 697- 702) 1162
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| -94.4| -16495.0| -3.1| 215.7|
| 5- 1| 0.0| 0.0| -99.1| -16489.6| -15.2| 215.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | | -383.3| 0.0| 0.0| 383.3|
| 5- 1|si| 6| Tz | | -383.2| -12.8| 0.0| 383.9|
| 5- 1|si| 9| Ty | | -383.2| 0.0| -29.2| 386.5|
| 6- 1|si| 9| Si | | -383.3| 0.0| -29.1| 386.6|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 5061.9| 366.8| -99.1| -16489.6| -15.2| 204.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -411.3| 0.0| 0.0| 411.3|
| 5- 1|si| 6| Tz | | -407.7| -12.6| 0.0| 408.3|
| 5- 1|si| 9| Ty | | -383.0| 0.0| -28.0| 386.0|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 9868.5| 733.5| -99.1| -16489.6| -15.2| 193.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -438.3| 0.0| 0.0| 438.3|
| 5- 1|si| 6| Tz | | -431.0| -12.3| 0.0| 431.5|
| 5- 1|si| 9| Ty | | -382.7| 0.0| -26.7| 385.5|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 14419.6| 1100.3| -99.1| -16489.6| -15.2| 183.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -464.0| 0.0| 0.0| 464.0|
| 5- 1|si| 6| Tz | | -453.1| -12.1| 0.0| 453.6|
| 5- 1|si| 9| Ty | | -382.5| 0.0| -25.5| 385.0|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18715.3| 1467.1| -99.1| -16489.6| -15.2| 172.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -488.6| 0.0| 0.0| 488.6|
| 5- 1|si| 6| Tz | | -474.0| -11.8| 0.0| 474.5|
| 5- 1|si| 9| Ty | | -382.3| 0.0| -24.3| 384.6|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22755.7| 1833.8| -99.1| -16489.6| -15.2| 162.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

5- 1 si 2 Sx	Si	-512.0	0.0	0.0	512.0			
| 5- 1|si| 6| Tz		-493.8|	-11.6|	0.0|	494.2|			
| 5- 1|si| 9| Ty		-382.0|	0.0|	-23.0|	384.1|			
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	26540.6|	2200.6|	-99.1|	-16489.6|	-15.2|		151.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-534.2|	0.0|	0.0|	534.2|			
| 5- 1|si| 6| Tz		-512.3|	-11.3|	0.0|	512.7|			
| 5- 1|si| 9| Ty		-381.8|	0.0|	-21.8|	383.7|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	30070.1|	2567.4|	-99.1|	-16489.6|	-15.2|		141.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-555.2|	0.0|	0.0|	555.2|			
| 5- 1|si| 6| Tz		-529.7|	-11.1|	0.0|	530.1|			
| 5- 1|si| 9| Ty		-381.6|	0.0|	-20.6|	383.2|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	33344.3|	2934.1|	-99.1|	-16489.6|	-15.2|		130.4|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-575.0|	0.0|	0.0|	575.0|			
| 5- 1|si| 6| Tz		-545.9|	-10.8|	0.0|	546.2|			
| 5- 1|si| 9| Ty		-381.3|	0.0|	-19.3|	382.8|			
-----							PROGR.	193.
VERIFICA STABILITA` :								
|L0 = 193. |								
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|								
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|								
Caso 5- 1 - Nodo 2 - Asse Y								
Ned = -16489.6|Mzeq = 25008.2|Myeq = 2200.6|Ss = -644.0 (0.246)								
-----							PROGR.	1165
P_HEB140_S006 (6)	stato limite ultimo - ASTA (702- 705)							0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	33330.0|	3002.4|	65.5|	-30825.2|	28.2|		98.9|	
| 12- 9|	5766.2|	16039.5|	12.7|	-5703.6|	163.0|		50.2|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-909.0|	0.0|	0.0|	909.0|			
| 12- 9|si| 5| Tz		-114.0|	9.0|	0.0|	115.1|			
| 5- 1|si| 9| Ty		-714.5|	0.0|	-14.3|	714.9|			
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	35587.3|	2321.3|	65.5|	-30825.2|	28.2|		88.3|	
| 12- 9|	6878.7|	12106.3|	12.7|	-5703.6|	163.0|		42.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-910.7|	0.0|	0.0|	910.7|			
| 12- 9|si| 5| Tz		-130.3|	8.8|	0.0|	131.2|			
| 5- 1|si| 9| Ty		-714.9|	0.0|	-13.0|	715.2|			
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	37589.2|	1640.2|	65.5|	-30825.2|	28.2|		77.7|	
| 12- 9|	7794.7|	8173.1|	12.7|	-5703.6|	163.0|		33.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-911.3|	0.0|	0.0|	911.3|			
| 12- 9|si| 5| Tz		-145.6|	8.6|	0.0|	146.4|			
| 5- 1|si| 9| Ty		-715.3|	0.0|	-11.8|	715.6|			
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	39335.7|	959.2|	65.5|	-30825.2|	28.2|		67.1|	
| 12- 9|	8514.3|	4239.9|	12.7|	-5703.6|	163.0|		25.8|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-910.8|	0.0|	0.0|	910.8|			
| 12- 9|si| 5| Tz		-160.0|	8.4|	0.0|	160.7|			
| 5- 1|si| 9| Ty		-715.8|	0.0|	-10.6|	716.0|			
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	40685.1|	717.6|	65.8|	-30916.3|	2.1|		53.9|	
| 12- 9|	9037.4|	306.7|	12.7|	-5703.6|	163.0|		17.6|	
| 5- 1|	40826.8|	278.1|	65.5|	-30825.2|	28.2|		56.5|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	-916.1|	0.0|	0.0|	916.1|			
| 12- 9|si| 5| Tz		-173.5|	8.2|	0.0|	174.1|			
| 5- 1|si| 9| Ty		-716.2|	0.0|	-9.3|	716.4|			
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	41856.7|	666.9|	65.8|	-30916.3|	2.1|		43.3|	
| 12- 9|	9364.1|	-3626.5|	12.7|	-5703.6|	163.0|		9.5|	
| 5- 1|	42062.4|	-403.0|	65.5|	-30825.2|	28.2|		45.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 2|Sx	Si	-920.8|	0.0|	0.0|	920.8|			
| 12- 9|si| 5|	Tz	-186.1|	8.0|	0.0|	186.7|			
| 5- 1|si| 9|	Ty	-716.6|	0.0|	-8.1|	716.8|			
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	43042.7|	-1084.0|	65.5|	-30825.2|	28.2|	35.3|		
| 12- 9|	9494.3|	-7559.7|	12.7|	-5703.6|	163.0|	1.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-929.5|	0.0|	0.0|	929.5|			
| 12- 9|si| 5|	Tz	-197.8|	7.9|	0.0|	198.3|			
| 5- 1|si| 9|	Ty	-717.1|	0.0|	-6.9|	717.2|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	43767.6|	-1765.1|	65.5|	-30825.2|	28.2|	24.8|		
| 12-10|	9329.2|	-11639.7|	12.7|	-5678.4|	163.2|	-7.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-941.6|	0.0|	0.0|	941.6|			
| 12-10|si| 6|	Tz	-142.4|	8.0|	0.0|	143.0|			
| 5- 1|si| 9|	Ty	-717.5|	0.0|	-5.6|	717.6|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	44237.1|	-2446.2|	65.5|	-30825.2|	28.2|	14.2|		
| 12-10|	9048.1|	-15576.5|	12.7|	-5678.4|	163.2|	-15.7|		
| 7- 2|	7036.1|	705.3|	18.5|	-5997.7|	-2.6|	-32.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-952.4|	0.0|	0.0|	952.4|			
| 12-10|si| 6|	Tz	-130.0|	8.2|	0.0|	130.7|			
| 7- 2|si| 9|	Ty	-138.9|	0.0|	4.6|	139.2|			
-----							PROGR.	193.
VERIFICA STABILITA` :								
|L0 = 193. |								
Z	|Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|							
Y	|Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|							
Caso 5- 1 - Nodo 2 - Asse Y								
Ned = -30825.2|Mzeq = 44237.1|Myeq = 2251.8|Ss = -1172.2 (0.448)								
P_HEB140_S006 (6) stato limite ultimo - ASTA (705- 708) 1168								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	44228.1|	-2477.6|	43.2|	-37192.0|	-11.6|	91.1|		
| 12- 9|	9163.4|	-15131.8|	10.8|	-7920.1|	-123.3|	41.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-1100.7|	0.0|	0.0|	1100.7|			
| 12- 9|si| 6|	Tz	-183.8|	-7.0|	0.0|	184.2|			
| 5- 1|si| 9|	Ty	-865.9|	0.0|	-12.4|	866.2|			
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	46298.6|	-2198.9|	43.2|	-37192.0|	-11.6|	80.5|		
| 12- 9|	10075.4|	-12156.6|	10.8|	-7920.1|	-123.3|	33.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-1106.8|	0.0|	0.0|	1106.8|			
| 12- 9|si| 6|	Tz	-196.4|	-6.8|	0.0|	196.8|			
| 5- 1|si| 9|	Ty	-865.7|	0.0|	-11.2|	865.9|			
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	48113.7|	-1920.2|	43.2|	-37192.0|	-11.6|	69.9|		
| 12- 9|	10790.9|	-9181.5|	10.8|	-7920.1|	-123.3|	25.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-1111.6|	0.0|	0.0|	1111.6|			
| 12- 9|si| 6|	Tz	-208.1|	-6.6|	0.0|	208.5|			
| 5- 1|si| 9|	Ty	-865.5|	0.0|	-10.0|	865.7|			
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	49673.4|	-1641.5|	43.2|	-37192.0|	-11.6|	59.4|		
| 12- 9|	11309.9|	-6206.3|	10.8|	-7920.1|	-123.3|	17.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-1115.3|	0.0|	0.0|	1115.3|			
| 12- 9|si| 6|	Tz	-218.9|	-6.4|	0.0|	219.2|			
| 5- 1|si| 9|	Ty	-865.4|	0.0|	-8.7|	865.5|			
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	50977.8|	-1362.8|	43.2|	-37192.0|	-11.6|	48.8|		
| 12- 9|	11632.4|	-3231.2|	10.8|	-7920.1|	-123.3|	9.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-1117.8|	0.0|	0.0|	1117.8|			
| 12- 9|si| 6|	Tz	-228.8|	-6.2|	0.0|	229.1|			
| 5- 1|si| 9|	Ty	-865.2|	0.0|	-7.5|	865.3|			
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	52026.7|	-1084.1|	43.2|	-37192.0|	-11.6|	38.2|		
12- 9	11758.5	-256.1	10.8	-7920.1	-123.3	1.2		

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1119.1| 0.0| 0.0| 1119.1|
| 12- 9|si| 6| Tz | | -237.8| -6.0| 0.0| 238.0|
| 5- 1|si| 9| Ty | | -865.0| 0.0| -6.3| 865.1|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 52466.1| -1682.5| 40.5| -37085.5| 17.4| 27.9|
| 12- 9| 11688.2| 2719.1| 10.8| -7920.1| -123.3| -7.0|
| 5- 1| 52820.2| -805.4| 43.2| -37192.0| -11.6| 27.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1126.3| 0.0| 0.0| 1126.3|
| 12- 9|si| 5| Tz | | -230.5| -6.2| 0.0| 230.8|
| 5- 1|si| 9| Ty | | -864.8| 0.0| -5.0| 864.9|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 53011.5| -2103.1| 40.5| -37085.5| 17.4| 17.3|
| 12- 9| 11421.3| 5694.2| 10.8| -7920.1| -123.3| -15.1|
| 5- 1| 53358.4| -526.7| 43.2| -37192.0| -11.6| 17.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1134.2| 0.0| 0.0| 1134.2|
| 12- 9|si| 5| Tz | | -220.9| -6.4| 0.0| 221.2|
| 5- 1|si| 9| Ty | | -864.7| 0.0| -3.8| 864.7|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 53301.5| -2523.7| 40.5| -37085.5| 17.4| 6.7|
| 12- 9| 10958.1| 8669.4| 10.8| -7920.1| -123.3| -23.3|
| 8- 2| 8745.6| 2534.4| 11.0| -7070.5| -35.0| -36.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1140.9| 0.0| 0.0| 1140.9|
| 12- 9|si| 5| Tz | | -210.4| -6.5| 0.0| 210.7|
| 8- 2|si| 9| Ty | | -162.7| 0.0| 4.8| 162.9|
-----
PROGR. 193.

VERIFICA STABILITA` :
|LO = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -37192.0|Mzeq = 53641.1|Myeq = -1858.2|Ss = -1406.1 ( 0.537)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 708- 711) 1171
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 53297.2| -2490.0| 10.7| -40747.7| -8.9| -5.5|
| 12- 9| 10956.8| 8091.6| 5.6| -8711.3| 58.4| 20.8|
| 7- 2| 8179.7| -671.7| -3.4| -7783.4| -2.2| 38.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1225.5| 0.0| 0.0| 1225.5|
| 12- 9|si| 5| Tz | | -230.4| 3.4| 0.0| 230.5|
| 7- 2|si| 9| Ty | | -181.3| 0.0| -4.6| 181.5|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 53035.6| -2274.7| 10.7| -40747.7| -8.9| -16.1|
| 12- 9| 11360.8| 6681.8| 5.6| -8711.3| 58.4| 12.7|
| 7- 2| 8986.4| -617.7| -3.4| -7783.4| -2.2| 28.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1221.6| 0.0| 0.0| 1221.6|
| 12- 9|si| 5| Tz | | -236.2| 3.2| 0.0| 236.3|
| 7- 2|si| 9| Ty | | -181.3| 0.0| -3.4| 181.4|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 52518.6| -2059.4| 10.7| -40747.7| -8.9| -26.7|
| 12- 9| 11568.3| 5272.0| 5.6| -8711.3| 58.4| 4.5|
| 5- 1| 52763.8| -848.2| 14.5| -40772.7| 3.0| -28.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1216.4| 0.0| 0.0| 1216.4|
| 12- 9|si| 5| Tz | | -241.2| 3.0| 0.0| 241.2|
| 5- 1|si| 9| Ty | | -948.1| 0.0| 3.9| 948.1|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 51746.3| -1844.2| 10.7| -40747.7| -8.9| -37.3|
| 12- 9| 11579.4| 3862.2| 5.6| -8711.3| 58.4| -3.6|
| 5- 1| 51944.5| -919.7| 14.5| -40772.7| 3.0| -39.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1210.1| 0.0| 0.0| 1210.1|
| 12- 9|si| 6| Tz | | -267.0| 3.0| 0.0| 267.0|
| 5- 1|si| 9| Ty | | -948.1| 0.0| 5.2| 948.2|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 50718.5| -1628.9| 10.7| -40747.7| -8.9| -47.9|
| 12- 9| 11394.0| 2452.4| 5.6| -8711.3| 58.4| -11.8|
| 5- 1| 50869.8| -991.2| 14.5| -40772.7| 3.0| -49.8|

TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-1202.6	0.0	1202.6
12-9	si	6	Tz		-262.1	3.2	262.2
5-1	si	9	Ty		-948.2	0.0	948.2

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	49435.4	-1413.7	10.7	-40747.7	-8.9	-58.5
12-9	11012.1	1042.7	5.6	-8711.3	58.4	-19.9
5-1	49539.6	-1062.7	14.5	-40772.7	3.0	-60.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-1193.9	0.0	1193.9
12-9	si	6	Tz		-256.4	3.3	256.5
5-1	si	9	Ty		-948.2	0.0	948.3

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	47954.1	-1134.2	14.5	-40772.7	3.0	-71.0
12-9	10433.8	-367.1	5.6	-8711.3	58.4	-28.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-1184.1	0.0	1184.1
12-9	si	6	Tz		-249.7	3.5	249.8
5-1	si	9	Ty		-948.3	0.0	948.4

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	46113.2	-1205.7	14.5	-40772.7	3.0	-81.6
12-9	9659.1	-1776.9	5.6	-8711.3	58.4	-36.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-1176.5	0.0	1176.5
12-9	si	6	Tz		-242.2	3.7	242.3
5-1	si	9	Ty		-948.3	0.0	948.5

PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	44016.9	-1277.3	14.5	-40772.7	3.0	-92.2
12-9	8687.8	-3186.7	5.6	-8711.3	58.4	-44.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-1167.7	0.0	1167.7
12-9	si	6	Tz		-233.7	3.9	233.8
5-1	si	9	Ty		-948.4	0.0	948.6

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1 |Ro = 5.93 |lm = 32.6 |Ncr = 840959.4 |alfa(b) = 0.3400 |ki = 0.9358 |
 Y |Lc = 193.1 |Ro = 3.57 |lm = 54.0 |Ncr = 305877.6 |alfa(c) = 0.4900 |ki = 0.7723 |
 Caso 6-1 - Nodo 1 - Asse Y
 Ned = -40747.7 |Mzeq = 53297.2 |Myeq = -2117.6 |Ss = -1516.7 (0.579)

P_HEB140_S006 (6) stato limite ultimo - ASTA (711- 714) 1174
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	44016.2	-2081.4	-10.1	-40796.8	-11.0	98.6
12-16	8848.1	-3564.7	-5.7	-8741.4	-77.9	42.8
6-1	44053.4	-1251.7	-13.8	-40746.2	2.1	97.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-1178.5	0.0	1178.5
12-16	si	6	Tz		-234.1	-4.7	234.2
6-1	si	9	Ty		-947.7	0.0	947.9

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	46266.2	-1816.8	-10.1	-40796.8	-11.0	88.0
12-16	9782.6	-1684.4	-5.7	-8741.4	-77.9	34.7
6-1	46278.9	-1301.6	-13.8	-40746.2	2.1	87.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-1185.5	0.0	1185.5
12-16	si	6	Tz		-243.7	-4.5	243.8
6-1	si	9	Ty		-947.8	0.0	947.9

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	48260.9	-1552.1	-10.1	-40796.8	-11.0	77.4
12-16	10520.7	196.0	-5.7	-8741.4	-77.9	26.5
6-1	48249.0	-1351.6	-13.8	-40746.2	2.1	76.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-1191.4	0.0	1191.4
12-16	si	6	Tz		-252.4	-4.3	252.5
6-1	si	9	Ty		-947.8	0.0	947.9

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	49963.8	-1401.5	-13.8	-40746.2	2.1	65.8
12-16	11062.3	2076.4	-5.7	-8741.4	-77.9	18.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-1196.2	0.0	1196.2
12-16	si	6	Tz		-260.2	-4.1	260.3
6-1	si	9	Ty		-947.8	0.0	947.9

PROGR. 96.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 51423.1 | -1451.4 | -13.8 | -40746.2 | 2.1 | 55.2 |
| 12-16 | 11407.5 | 3956.8 | -5.7 | -8741.4 | -77.9 | 10.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1203.6 | 0.0 | 0.0 | 1203.6 |
| 12-16|si| 6 | Tz | -267.1 | -4.0 | 0.0 | 267.2 |
| 6- 1|si| 9 | Ty | -947.8 | 0.0 | -7.0 | 947.9 |
----- PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 52627.0 | -1501.4 | -13.8 | -40746.2 | 2.1 | 44.6 |
| 12-16 | 11556.2 | 5837.1 | -5.7 | -8741.4 | -77.9 | 2.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1209.8 | 0.0 | 0.0 | 1209.8 |
| 12-16|si| 6 | Tz | -273.1 | -3.8 | 0.0 | 273.2 |
| 6- 1|si| 9 | Ty | -947.9 | 0.0 | -5.8 | 947.9 |
----- PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 53575.6 | -1551.3 | -13.8 | -40746.2 | 2.1 | 34.0 |
| 12-16 | 11508.5 | 7717.5 | -5.7 | -8741.4 | -77.9 | -6.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1214.8 | 0.0 | 0.0 | 1214.8 |
| 12-16|si| 5 | Tz | -234.7 | -3.9 | 0.0 | 234.8 |
| 6- 1|si| 9 | Ty | -947.9 | 0.0 | -4.5 | 947.9 |
----- PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 54268.7 | -1601.3 | -13.8 | -40746.2 | 2.1 | 23.4 |
| 12-16 | 11264.3 | 9597.9 | -5.7 | -8741.4 | -77.9 | -14.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1218.7 | 0.0 | 0.0 | 1218.7 |
| 12-16|si| 5 | Tz | -228.3 | -4.0 | 0.0 | 228.4 |
| 6- 1|si| 9 | Ty | -947.9 | 0.0 | -3.3 | 948.0 |
----- PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 54706.5 | -1651.2 | -13.8 | -40746.2 | 2.1 | 12.9 |
| 12-16 | 10823.6 | 11478.3 | -5.7 | -8741.4 | -77.9 | -22.3 |
| 7- 2 | 8803.5 | -335.4 | -9.4 | -7740.5 | 2.8 | -35.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1221.3 | 0.0 | 0.0 | 1221.3 |
| 12-16|si| 5 | Tz | -220.9 | -4.2 | 0.0 | 221.0 |
| 7- 2|si| 9 | Ty | -180.1 | 0.0 | 4.5 | 180.3 |
----- PROGR. 193.

VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -40796.8 |Mzeq = 54865.3 |Myeq = -1561.1 |Ss = -1517.7 ( 0.579)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 714- 717) 1177
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 54710.9 | -2633.2 | -45.3 | -38621.4 | -53.8 | -3.0 |
| 12-16 | 10824.7 | 11768.3 | -11.5 | -8372.5 | 133.0 | 29.7 |
| 7- 2 | 8804.9 | 64.8 | -15.8 | -7528.1 | -4.8 | 40.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1184.5 | 0.0 | 0.0 | 1184.5 |
| 12-16|si| 5 | Tz | -211.5 | 7.2 | 0.0 | 211.9 |
| 7- 2|si| 9 | Ty | -174.9 | 0.0 | -5.3 | 175.2 |
----- PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 54510.7 | -1336.4 | -45.3 | -38621.4 | -53.8 | -13.6 |
| 12-16 | 11442.0 | 8559.1 | -11.5 | -8372.5 | 133.0 | 21.5 |
| 7- 2 | 9647.8 | 180.0 | -15.8 | -7528.1 | -4.8 | 29.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1167.0 | 0.0 | 0.0 | 1167.0 |
| 12-16|si| 5 | Tz | -223.4 | 7.0 | 0.0 | 223.8 |
| 7- 2|si| 9 | Ty | -174.8 | 0.0 | -4.1 | 175.0 |
----- PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 54188.9 | 498.1 | -42.9 | -38583.0 | -34.3 | -24.7 |
| 12-16 | 11862.8 | 5349.8 | -11.5 | -8372.5 | 133.0 | 13.4 |
| 6- 1 | 54055.2 | -39.6 | -45.3 | -38621.4 | -53.8 | -24.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1154.0 | 0.0 | 0.0 | 1154.0 |
| 12-16|si| 5 | Tz | -234.4 | 6.8 | 0.0 | 234.7 |
| 6- 1|si| 9 | Ty | -897.6 | 0.0 | 4.7 | 897.6 |
----- PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 53465.6 | 1324.7 | -42.9 | -38583.0 | -34.3 | -35.3 |
| 12- 2 | 12100.2 | -1430.3 | -7.4 | -8607.5 | -142.4 | -1.6 |
| 6- 1 | 53344.2 | 1257.2 | -45.3 | -38621.4 | -53.8 | -34.8 |

```

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| -1161.1|	0.0|	0.0|	1161.1|		
| 12- 2|	|si| 5|	Tz	| -260.1|	-6.6|	0.0|	260.4|		
| 6- 1|	|si| 9|	Ty	| -896.7|	0.0|	6.0|	896.8|		
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	52377.9|	2554.1|	-45.3|	-38621.4|	-53.8|	-45.3|		
| 8- 1|	47313.6|	2666.1|	-41.2|	-34896.9|	-69.0|	-40.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 2|	Sx	Si| -1172.7|	0.0|	0.0|	1172.7|		
| 8- 1|	|si| 5|	Tz	| -1022.6|	-6.9|	0.0|	1022.7|		
| 6- 1|	|si| 9|	Ty	| -895.9|	0.0|	7.2|	896.0|		
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	51156.1|	3850.9|	-45.3|	-38621.4|	-53.8|	-55.9|		
| 8- 1|	46201.1|	4331.0|	-41.2|	-34896.9|	-69.0|	-51.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 2|	Sx	Si| -1183.5|	0.0|	0.0|	1183.5|		
| 8- 1|	|si| 5|	Tz	| -1012.8|	-7.1|	0.0|	1012.8|		
| 6- 1|	|si| 9|	Ty	| -895.1|	0.0|	8.4|	895.2|		
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	49679.0|	5147.7|	-45.3|	-38621.4|	-53.8|	-66.5|		
| 8- 1|	44833.2|	5995.9|	-41.2|	-34896.9|	-69.0|	-62.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 2|	Sx	Si| -1193.2|	0.0|	0.0|	1193.2|		
| 8- 1|	|si| 5|	Tz	| -1001.7|	-7.3|	0.0|	1001.8|		
| 6- 1|	|si| 9|	Ty	| -894.3|	0.0|	9.6|	894.4|		
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	47946.5|	6444.5|	-45.3|	-38621.4|	-53.8|	-77.1|		
| 8- 1|	43209.9|	7660.8|	-41.2|	-34896.9|	-69.0|	-72.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 2|	Sx	Si| -1201.7|	0.0|	0.0|	1201.7|		
| 8- 1|	|si| 5|	Tz	| -989.5|	-7.6|	0.0|	989.6|		
| 6- 1|	|si| 9|	Ty	| -893.4|	0.0|	10.9|	893.6|		
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	45958.5|	7741.3|	-45.3|	-38621.4|	-53.8|	-87.7|		
| 8- 1|	41331.2|	9325.7|	-41.2|	-34896.9|	-69.0|	-83.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 2|	Sx	Si| -1209.0|	0.0|	0.0|	1209.0|		
| 8- 1|	|si| 5|	Tz	| -976.1|	-7.8|	0.0|	976.2|		
| 6- 1|	|si| 9|	Ty	| -892.6|	0.0|	12.1|	892.9|		
-----							PROGR.	193.
VERIFICA STABILITA` :								
|L0 = 193. |								
Z	|Lc = 193. |	Ro = 5.93|	lm = 32.6|	Ncr= 840959.4|	alfa(b)=0.3400|	ki=0.9358|		
Y	|Lc = 193. |	Ro = 3.57|	lm = 54.0|	Ncr= 305877.6|	alfa(c)=0.4900|	ki=0.7723|		
Caso 6- 1 - Nodo 2 - Asse Y								
Ned = -38621.4|Mzeq = 54710.9|Myeq = 5806.0|Ss = -1512.4 (0.577)								
P_HEB140_S006 (6) stato limite ultimo - ASTA (717- 720) 1180								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	45968.2|	7430.0|	-72.0|	-29959.7|	34.7|	-24.4|		
| 12-16|	10263.7|	-13877.5|	-15.3|	-7680.6|	-144.1|	16.9|		
| 5- 1|	46027.9|	4830.5|	-72.4|	-29962.7|	8.4|	-25.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 2|	Sx	Si| -1003.8|	0.0|	0.0|	1003.8|		
| 12-16|	|si| 6|	Tz	| -186.9|	-7.6|	0.0|	187.4|		
| 5- 1|	|si| 9|	Ty	| -693.2|	0.0|	6.1|	693.3|		
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	45252.5|	6592.0|	-72.0|	-29959.7|	34.7|	-35.0|		
| 8- 1|	40764.6|	7729.7|	-65.4|	-26895.5|	53.1|	-29.1|		
| 5- 1|	45276.4|	4628.5|	-72.4|	-29962.7|	8.4|	-36.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 2|	Sx	Si| -989.8|	0.0|	0.0|	989.8|		
| 8- 1|	|si| 6|	Tz	| -835.6|	7.7|	0.0|	835.7|		
| 5- 1|	|si| 9|	Ty	| -693.4|	0.0|	7.3|	693.5|		
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	44281.4|	5754.0|	-72.0|	-29959.7|	34.7|	-45.5|		
| 8- 1|	39934.0|	6448.2|	-65.4|	-26895.5|	53.1|	-39.7|		
| 5- 1|	44269.5|	4426.6|	-72.4|	-29962.7|	8.4|	-47.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 2|	Sx	Si| -974.6|	0.0|	0.0|	974.6|		
| 8- 1|	|si| 6|	Tz	| -828.2|	7.9|	0.0|	828.3|		
| 5- 1|	|si| 9|	Ty	| -693.5|	0.0|	8.5|	693.7|		
-----							PROGR.	72.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	43054.9	4916.0	-72.0	-29959.7	34.7	-56.1
8-1	38847.9	5166.7	-65.4	-26895.5	53.1	-50.3
5-1	43007.3	4224.7	-72.4	-29962.7	8.4	-57.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-958.3	0.0	0.0	958.3
8-1	si	6	Tz		-819.5	8.2	0.0	819.7
5-1	si	9	Ty		-693.6	0.0	9.8	693.8

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	41573.0	4078.0	-72.0	-29959.7	34.7	-66.7
8-1	37506.4	3885.2	-65.4	-26895.5	53.1	-60.9
5-1	41489.6	4022.8	-72.4	-29962.7	8.4	-68.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-940.7	0.0	0.0	940.7
8-1	si	6	Tz		-809.7	8.4	0.0	809.8
5-1	si	9	Ty		-693.8	0.0	11.0	694.0

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	39716.5	3820.8	-72.4	-29962.7	8.4	-78.8
8-1	35909.6	2603.6	-65.4	-26895.5	53.1	-71.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-928.9	0.0	0.0	928.9
8-1	si	6	Tz		-798.7	8.6	0.0	798.8
5-1	si	9	Ty		-693.9	0.0	12.2	694.2

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	37688.1	3618.9	-72.4	-29962.7	8.4	-89.4
8-1	34057.3	1322.1	-65.4	-26895.5	53.1	-82.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-917.0	0.0	0.0	917.0
8-1	si	6	Tz		-786.5	8.9	0.0	786.7
5-1	si	9	Ty		-694.0	0.0	13.4	694.4

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	35404.2	3417.0	-72.4	-29962.7	8.4	-100.0
8-1	31949.6	40.6	-65.4	-26895.5	53.1	-92.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-903.8	0.0	0.0	903.8
8-1	si	6	Tz		-773.1	9.1	0.0	773.3
5-1	si	9	Ty		-694.1	0.0	14.7	694.6

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	32864.9	3215.0	-72.4	-29962.7	8.4	-110.5
8-1	29586.6	-1241.0	-65.4	-26895.5	53.1	-103.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-889.5	0.0	0.0	889.5
8-1	si	6	Tz		-758.6	9.4	0.0	758.7
5-1	si	9	Ty		-694.3	0.0	15.9	694.8

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1 |Ro = 5.93 |lm = 32.6 |Ncr = 840959.4 |alfa(b) = 0.3400 |ki = 0.9358 |
 Y |Lc = 193.1 |Ro = 3.57 |lm = 54.0 |Ncr = 305877.6 |alfa(c) = 0.4900 |ki = 0.7723 |
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -29959.7 |Mzeq = 45968.2 |Myeq = 5572.5 |Ss = -1201.0 (0.459)

P_HEB140_S006 (6) stato limite ultimo - ASTA (720- 723) 1183
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	32881.3	3551.3	0.0	-17058.9	18.4	-128.0
6-1	33107.2	1395.6	0.0	-17126.4	7.2	-129.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-594.0	0.0	0.0	594.0
5-1	si	6	Tz		-558.7	3.7	0.0	558.8
6-1	si	9	Ty		-397.1	0.0	15.0	398.0

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	29665.0	3107.4	0.0	-17058.9	18.4	-138.6
6-1	29862.7	1221.2	0.0	-17126.4	7.2	-139.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-573.4	0.0	0.0	573.4
5-1	si	6	Tz		-542.6	4.0	0.0	542.6
6-1	si	9	Ty		-397.2	0.0	16.2	398.2

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	26193.4	2663.5	0.0	-17058.9	18.4	-149.2
6-1	26362.8	1046.7	0.0	-17126.4	7.2	-150.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-551.7	0.0	0.0	551.7

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 6| Tz | -525.3| 4.2| 0.0| 525.3|
| 6- 1|si| 9| Ty | -397.3| 0.0| 17.5| 398.5|
-----
PROGR. 72.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22466.3| 2219.6| 0.0| -17058.9| 18.4| -159.8|
| 6- 1| 22607.5| 872.3| 0.0| -17126.4| 7.2| -161.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -528.8| 0.0| 0.0| 528.8|
| 5- 1|si| 6| Tz | Ty | -506.8| 4.5| 0.0| 506.8|
| 6- 1|si| 9| Ty | Ty | -397.5| 0.0| 18.7| 398.8|
-----
PROGR. 96.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18483.8| 1775.7| 0.0| -17058.9| 18.4| -170.4|
| 6- 1| 18596.8| 697.8| 0.0| -17126.4| 7.2| -171.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -504.7| 0.0| 0.0| 504.7|
| 5- 1|si| 6| Tz | Ty | -487.1| 4.7| 0.0| 487.1|
| 6- 1|si| 9| Ty | Ty | -397.6| 0.0| 19.9| 399.1|
-----
PROGR. 121.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 14246.0| 1331.8| 0.0| -17058.9| 18.4| -181.0|
| 6- 1| 14330.7| 523.4| 0.0| -17126.4| 7.2| -182.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -479.4| 0.0| 0.0| 479.4|
| 5- 1|si| 6| Tz | Ty | -466.2| 5.0| 0.0| 466.3|
| 6- 1|si| 9| Ty | Ty | -397.7| 0.0| 21.2| 399.4|
-----
PROGR. 145.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 9752.7| 887.8| 0.0| -17058.9| 18.4| -191.5|
| 6- 1| 9809.2| 348.9| 0.0| -17126.4| 7.2| -192.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -452.9| 0.0| 0.0| 452.9|
| 5- 1|si| 6| Tz | Ty | -444.1| 5.2| 0.0| 444.2|
| 6- 1|si| 9| Ty | Ty | -397.8| 0.0| 22.4| 399.7|
-----
PROGR. 169.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 5004.1| 443.9| 0.0| -17058.9| 18.4| -202.1|
| 6- 1| 5032.3| 174.5| 0.0| -17126.4| 7.2| -203.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -425.3| 0.0| 0.0| 425.3|
| 5- 1|si| 6| Tz | Ty | -420.9| 5.4| 0.0| 421.0|
| 6- 1|si| 9| Ty | Ty | -397.9| 0.0| 23.6| 400.0|
-----
PROGR. 193.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -17126.4| 7.2| -213.9|
| 5- 1| 0.0| 0.0| 0.0| -17058.9| 18.4| -212.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -398.0| 0.0| 0.0| 398.0|
| 5- 1|si| 6| Tz | Ty | -396.4| 5.7| 0.0| 396.6|
| 6- 1|si| 9| Ty | Ty | -398.0| 0.0| 24.8| 400.3|
-----
PROGR. 674.

```

VERIFICA STABILITA` :

```

|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -17058.9|Mzeq = 24661.0|Myeq = 2663.5|Ss = -665.8 ( 0.254)

```

```

P_IPE80_s008 ( 8) ----- stato limite ultimo - ASTA ( 373- 365) 674
-----
PROGR. 0.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6997.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6578.5| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -913.9| 0.0| 0.0| 913.9|
| 5- 1|si| 6| Tz | Ty | -859.2| 0.0| 0.0| 859.2|
| 5- 1|si| 9| Ty | Ty | -859.2| 0.0| 0.0| 859.2|
-----
PROGR. 11.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6996.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6577.6| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -913.8| 0.0| 0.0| 913.8|
| 5- 1|si| 6| Tz | Ty | -859.1| 0.0| 0.0| 859.1|
| 5- 1|si| 9| Ty | Ty | -859.1| 0.0| 0.0| 859.1|
-----
PROGR. 22.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6995.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6576.8| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 4|Sx	Si|	-913.7|	0.0|	0.0|	913.7|		
| 5- 1|si| 6| Tz		-859.0|	0.0|	0.0|	859.0|		
| 5- 1|si| 9| Ty		-859.0|	0.0|	0.0|	859.0|		
-----							33.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-6994.7|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-6575.9|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 4|Sx	Si|	-913.6|	0.0|	0.0|	913.6|		
| 5- 1|si| 6| Tz		-858.9|	0.0|	0.0|	858.9|		
| 5- 1|si| 9| Ty		-858.9|	0.0|	0.0|	858.9|		
-----							44.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-6993.8|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-6575.1|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 4|Sx	Si|	-913.5|	0.0|	0.0|	913.5|		
| 5- 1|si| 6| Tz		-858.8|	0.0|	0.0|	858.8|		
| 5- 1|si| 9| Ty		-858.8|	0.0|	0.0|	858.8|		
-----							55.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-6993.0|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-6574.2|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 4|Sx	Si|	-913.4|	0.0|	0.0|	913.4|		
| 5- 1|si| 6| Tz		-858.7|	0.0|	0.0|	858.7|		
| 5- 1|si| 9| Ty		-858.7|	0.0|	0.0|	858.7|		
-----							66.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-6992.1|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-6573.4|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 4|Sx	Si|	-913.3|	0.0|	0.0|	913.3|		
| 5- 1|si| 6| Tz		-858.6|	0.0|	0.0|	858.6|		
| 5- 1|si| 9| Ty		-858.6|	0.0|	0.0|	858.6|		
-----							77.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-6991.2|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-6572.5|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 4|Sx	Si|	-913.1|	0.0|	0.0|	913.1|		
| 5- 1|si| 6| Tz		-858.4|	0.0|	0.0|	858.4|		
| 5- 1|si| 9| Ty		-858.4|	0.0|	0.0|	858.4|		
-----							88.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-6990.4|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-6571.7|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 4|Sx	Si|	-913.0|	0.0|	0.0|	913.0|		
| 5- 1|si| 6| Tz		-858.3|	0.0|	0.0|	858.3|		
| 5- 1|si| 9| Ty		-858.3|	0.0|	0.0|	858.3|		

VERIFICA STABILITA' :							
|L0 = 88. |							
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|							
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|							
Caso 6- 1 - Nodo 4 - Asse Y							
Ned = -6997.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1471.8 (0.562)							
P_IPE80_S008 (8) stato limite ultimo - ASTA (374- 366)							676
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4938.5|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-4547.6|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si|	-645.0|	0.0|	0.0|	645.0|		
| 5- 1|si| 6| Tz		-594.0|	0.0|	0.0|	594.0|		
| 5- 1|si| 9| Ty		-594.0|	0.0|	0.0|	594.0|		
-----							11.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4937.7|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-4546.7|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 4|Sx	Si|	-644.9|	0.0|	0.0|	644.9|		
| 5- 1|si| 6| Tz		-593.9|	0.0|	0.0|	593.9|		
| 5- 1|si| 9| Ty		-593.9|	0.0|	0.0|	593.9|		
-----							22.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4936.8|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-4545.9|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	4	Sx	Si	-644.8	0.0	0.0	644.8
5-1	|si|	6	Tz		-593.7	0.0	0.0	593.7
5-1	|si|	9	Ty		-593.7	0.0	0.0	593.7

PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-4936.0	0.0	0.0
5-1	0.0	0.0	0.0	-4545.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	4	Sx	Si	-644.7	0.0	0.0	644.7
5-1	|si|	6	Tz		-593.6	0.0	0.0	593.6
5-1	|si|	9	Ty		-593.6	0.0	0.0	593.6

PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-4935.1	0.0	0.0
5-1	0.0	0.0	0.0	-4544.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	4	Sx	Si	-644.6	0.0	0.0	644.6
5-1	|si|	6	Tz		-593.5	0.0	0.0	593.5
5-1	|si|	9	Ty		-593.5	0.0	0.0	593.5

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-4934.2	0.0	0.0
5-1	0.0	0.0	0.0	-4543.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	4	Sx	Si	-644.5	0.0	0.0	644.5
5-1	|si|	6	Tz		-593.4	0.0	0.0	593.4
5-1	|si|	9	Ty		-593.4	0.0	0.0	593.4

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-4933.4	0.0	0.0
5-1	0.0	0.0	0.0	-4542.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	4	Sx	Si	-644.4	0.0	0.0	644.4
5-1	|si|	6	Tz		-593.3	0.0	0.0	593.3
5-1	|si|	9	Ty		-593.3	0.0	0.0	593.3

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-4932.5	0.0	0.0
5-1	0.0	0.0	0.0	-4541.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	4	Sx	Si	-644.2	0.0	0.0	644.2
5-1	|si|	6	Tz		-593.2	0.0	0.0	593.2
5-1	|si|	9	Ty		-593.2	0.0	0.0	593.2

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-4931.7	0.0	0.0
5-1	0.0	0.0	0.0	-4540.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	4	Sx	Si	-644.1	0.0	0.0	644.1
5-1	|si|	6	Tz		-593.1	0.0	0.0	593.1
5-1	|si|	9	Ty		-593.1	0.0	0.0	593.1

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6-1 - Nodo 4 - Asse Y
 Ned = -4938.5 |mzeq = 0.0 |myeq = 0.0 |Ss = -1038.8 (0.397)

P_IPE80_S008 (8) stato limite ultimo - ASTA (375- 367) 678
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2964.9	0.0	0.0
12-13	0.0	0.0	0.0	-268.1	0.0	0.0
5-1	0.0	0.0	0.0	-2571.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	1	Sx	Si	-387.2	0.0	0.0	387.2
12-13	|si|	6	Tz		-35.0	0.0	0.0	35.0
5-1	|si|	9	Ty		-335.9	0.0	0.0	335.9

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2964.0	0.0	0.0
12-13	0.0	0.0	0.0	-267.5	0.0	0.0
5-1	0.0	0.0	0.0	-2570.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	4	Sx	Si	-387.1	0.0	0.0	387.1
12-13	|si|	6	Tz		-34.9	0.0	0.0	34.9
5-1	|si|	9	Ty		-335.8	0.0	0.0	335.8

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
------	----	----	----	---	----	----

Copertura area carburante - Relazione di calcolo

| 6- 1|	0.0|	0.0|	0.0|	-2963.2|	0.0|	0.0|
| 12-13|	0.0|	0.0|	0.0|	-266.8|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-2569.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si|	-387.0|	0.0|	0.0|	387.0|
| 12-13|si| 6| Tz |		-34.8|	0.0|	0.0|	34.8|
| 5- 1|si| 9| Ty |		-335.7|	0.0|	0.0|	335.7|

PROGR.

33.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2962.3|	0.0|	0.0|
| 12-13|	0.0|	0.0|	0.0|	-266.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-2569.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si|	-386.9|	0.0|	0.0|	386.9|
| 12-13|si| 6| Tz |		-34.8|	0.0|	0.0|	34.8|
| 5- 1|si| 9| Ty |		-335.5|	0.0|	0.0|	335.5|

PROGR.

44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2961.5|	0.0|	0.0|
| 12-13|	0.0|	0.0|	0.0|	-265.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-2568.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si|	-386.8|	0.0|	0.0|	386.8|
| 12-13|si| 6| Tz |		-34.7|	0.0|	0.0|	34.7|
| 5- 1|si| 9| Ty |		-335.4|	0.0|	0.0|	335.4|

PROGR.

55.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2960.6|	0.0|	0.0|
| 12-13|	0.0|	0.0|	0.0|	-264.8|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-2567.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si|	-386.7|	0.0|	0.0|	386.7|
| 12-13|si| 6| Tz |		-34.6|	0.0|	0.0|	34.6|
| 5- 1|si| 9| Ty |		-335.3|	0.0|	0.0|	335.3|

PROGR.

66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2959.8|	0.0|	0.0|
| 12-13|	0.0|	0.0|	0.0|	-264.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-2566.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si|	-386.6|	0.0|	0.0|	386.6|
| 12-13|si| 6| Tz |		-34.5|	0.0|	0.0|	34.5|
| 5- 1|si| 9| Ty |		-335.2|	0.0|	0.0|	335.2|

PROGR.

77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2958.9|	0.0|	0.0|
| 12-13|	0.0|	0.0|	0.0|	-263.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-2565.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si|	-386.5|	0.0|	0.0|	386.5|
| 12-13|si| 6| Tz |		-34.4|	0.0|	0.0|	34.4|
| 5- 1|si| 9| Ty |		-335.1|	0.0|	0.0|	335.1|

PROGR.

88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2958.0|	0.0|	0.0|
| 12-13|	0.0|	0.0|	0.0|	-262.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-2564.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si|	-386.4|	0.0|	0.0|	386.4|
| 12-13|si| 6| Tz |		-34.3|	0.0|	0.0|	34.3|
| 5- 1|si| 9| Ty |		-335.0|	0.0|	0.0|	335.0|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -2964.9|Mzeq = 0.0|Myeq = 0.0|Ss = -623.6 (0.238)

P_IPE80_S008 (8) stato limite ultimo - ASTA (377- 369) 682
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3361.2|	0.0|	0.0|
| 12-16|	0.0|	0.0|	0.0|	-309.1|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2968.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si|	-439.0|	0.0|	0.0|	439.0|
| 12-16|si| 6| Tz |		-40.4|	0.0|	0.0|	40.4|
| 6- 1|si| 9| Ty |		-387.8|	0.0|	0.0|	387.8|

PROGR.

11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3360.3|	0.0|	0.0|

Copertura area carburante - Relazione di calcolo

| 12-16|	0.0|	0.0|	0.0|	-308.5|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2967.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-438.9|	0.0|	0.0|	438.9|
| 12-16|si| 6| Tz |	-40.3|	0.0|	0.0|	40.3|
| 6- 1|si| 9| Ty |	-387.6|	0.0|	0.0|	387.6|

----- PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3359.5|	0.0|	0.0|
| 12-16|	0.0|	0.0|	0.0|	-307.8|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2967.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-438.8|	0.0|	0.0|	438.8|
| 12-16|si| 6| Tz |	-40.2|	0.0|	0.0|	40.2|
| 6- 1|si| 9| Ty |	-387.5|	0.0|	0.0|	387.5|

----- PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3358.6|	0.0|	0.0|
| 12-16|	0.0|	0.0|	0.0|	-307.2|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2966.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-438.7|	0.0|	0.0|	438.7|
| 12-16|si| 6| Tz |	-40.1|	0.0|	0.0|	40.1|
| 6- 1|si| 9| Ty |	-387.4|	0.0|	0.0|	387.4|

----- PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3357.8|	0.0|	0.0|
| 12-16|	0.0|	0.0|	0.0|	-306.5|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2965.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-438.6|	0.0|	0.0|	438.6|
| 12-16|si| 6| Tz |	-40.0|	0.0|	0.0|	40.0|
| 6- 1|si| 9| Ty |	-387.3|	0.0|	0.0|	387.3|

----- PROGR. 55.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3356.9|	0.0|	0.0|
| 12-16|	0.0|	0.0|	0.0|	-305.9|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2964.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-438.5|	0.0|	0.0|	438.5|
| 12-16|si| 6| Tz |	-39.9|	0.0|	0.0|	39.9|
| 6- 1|si| 9| Ty |	-387.2|	0.0|	0.0|	387.2|

----- PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3356.1|	0.0|	0.0|
| 12-16|	0.0|	0.0|	0.0|	-305.2|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2963.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-438.3|	0.0|	0.0|	438.3|
| 12-16|si| 6| Tz |	-39.9|	0.0|	0.0|	39.9|
| 6- 1|si| 9| Ty |	-387.1|	0.0|	0.0|	387.1|

----- PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3355.2|	0.0|	0.0|
| 12-16|	0.0|	0.0|	0.0|	-304.5|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2962.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-438.2|	0.0|	0.0|	438.2|
| 12-16|si| 6| Tz |	-39.8|	0.0|	0.0|	39.8|
| 6- 1|si| 9| Ty |	-387.0|	0.0|	0.0|	387.0|

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3354.4|	0.0|	0.0|
| 12-16|	0.0|	0.0|	0.0|	-303.9|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2961.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-438.1|	0.0|	0.0|	438.1|
| 12-16|si| 6| Tz |	-39.7|	0.0|	0.0|	39.7|
| 6- 1|si| 9| Ty |	-386.9|	0.0|	0.0|	386.9|

----- PROGR. 0.

VERIFICA STABILITA` :

|L0 = 88.1
 Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -3361.2|Mzeq = 0.0|Myeq = 0.0|Ss = -707.0 (0.270)

P_IPE80_S008 (8) stato limite ultimo - ASTA (378- 370) 684
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5340.1|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4950.1|	0.0|	0.0|

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -697.5| 0.0| 0.0| 697.5|
| 6- 1|si| 6| Tz | | -646.5| 0.0| 0.0| 646.5|
| 6- 1|si| 9| Ty | | -646.5| 0.0| 0.0| 646.5|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5339.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4949.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -697.4| 0.0| 0.0| 697.4|
| 6- 1|si| 6| Tz | | -646.4| 0.0| 0.0| 646.4|
| 6- 1|si| 9| Ty | | -646.4| 0.0| 0.0| 646.4|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5338.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4948.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -697.3| 0.0| 0.0| 697.3|
| 6- 1|si| 6| Tz | | -646.3| 0.0| 0.0| 646.3|
| 6- 1|si| 9| Ty | | -646.3| 0.0| 0.0| 646.3|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5337.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4947.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -697.1| 0.0| 0.0| 697.1|
| 6- 1|si| 6| Tz | | -646.2| 0.0| 0.0| 646.2|
| 6- 1|si| 9| Ty | | -646.2| 0.0| 0.0| 646.2|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5336.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4946.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -697.0| 0.0| 0.0| 697.0|
| 6- 1|si| 6| Tz | | -646.1| 0.0| 0.0| 646.1|
| 6- 1|si| 9| Ty | | -646.1| 0.0| 0.0| 646.1|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5335.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4945.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -696.9| 0.0| 0.0| 696.9|
| 6- 1|si| 6| Tz | | -646.0| 0.0| 0.0| 646.0|
| 6- 1|si| 9| Ty | | -646.0| 0.0| 0.0| 646.0|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5335.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4945.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -696.8| 0.0| 0.0| 696.8|
| 6- 1|si| 6| Tz | | -645.9| 0.0| 0.0| 645.9|
| 6- 1|si| 9| Ty | | -645.9| 0.0| 0.0| 645.9|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5334.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4944.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -696.7| 0.0| 0.0| 696.7|
| 6- 1|si| 6| Tz | | -645.8| 0.0| 0.0| 645.8|
| 6- 1|si| 9| Ty | | -645.8| 0.0| 0.0| 645.8|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5333.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4943.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -696.6| 0.0| 0.0| 696.6|
| 6- 1|si| 6| Tz | | -645.7| 0.0| 0.0| 645.7|
| 6- 1|si| 9| Ty | | -645.7| 0.0| 0.0| 645.7|
-----
PROGR. 88.

VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -5340.1|Mzeq = 0.0|Myeq = 0.0|Ss = -1123.3 ( 0.429)

P_IPE80_S008 ( 8) ----- stato limite ultimo - ASTA ( 379- 371) 686
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -7411.7| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```

| 6- 1|          0.0|          0.0|          0.0| -6994.3|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -968.1| 0.0| 0.0| 968.1|
| 6- 1|si| 6| Tz | | -913.5| 0.0| 0.0| 913.5|
| 6- 1|si| 9| Ty | | -913.5| 0.0| 0.0| 913.5|
-----
PROGR. 11.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7410.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6993.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -967.9| 0.0| 0.0| 967.9|
| 6- 1|si| 6| Tz | | -913.4| 0.0| 0.0| 913.4|
| 6- 1|si| 9| Ty | | -913.4| 0.0| 0.0| 913.4|
-----
PROGR. 22.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7410.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6992.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -967.8| 0.0| 0.0| 967.8|
| 6- 1|si| 6| Tz | | -913.3| 0.0| 0.0| 913.3|
| 6- 1|si| 9| Ty | | -913.3| 0.0| 0.0| 913.3|
-----
PROGR. 33.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7409.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6991.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -967.7| 0.0| 0.0| 967.7|
| 6- 1|si| 6| Tz | | -913.2| 0.0| 0.0| 913.2|
| 6- 1|si| 9| Ty | | -913.2| 0.0| 0.0| 913.2|
-----
PROGR. 44.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7408.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6990.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -967.6| 0.0| 0.0| 967.6|
| 6- 1|si| 6| Tz | | -913.1| 0.0| 0.0| 913.1|
| 6- 1|si| 9| Ty | | -913.1| 0.0| 0.0| 913.1|
-----
PROGR. 55.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7407.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6990.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -967.5| 0.0| 0.0| 967.5|
| 6- 1|si| 6| Tz | | -913.0| 0.0| 0.0| 913.0|
| 6- 1|si| 9| Ty | | -913.0| 0.0| 0.0| 913.0|
-----
PROGR. 66.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7406.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6989.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -967.4| 0.0| 0.0| 967.4|
| 6- 1|si| 6| Tz | | -912.9| 0.0| 0.0| 912.9|
| 6- 1|si| 9| Ty | | -912.9| 0.0| 0.0| 912.9|
-----
PROGR. 77.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7405.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6988.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -967.3| 0.0| 0.0| 967.3|
| 6- 1|si| 6| Tz | | -912.8| 0.0| 0.0| 912.8|
| 6- 1|si| 9| Ty | | -912.8| 0.0| 0.0| 912.8|
-----
PROGR. 88.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7404.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6987.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -967.2| 0.0| 0.0| 967.2|
| 6- 1|si| 6| Tz | | -912.6| 0.0| 0.0| 912.6|
| 6- 1|si| 9| Ty | | -912.6| 0.0| 0.0| 912.6|
-----
PROGR. 0.

```

VERIFICA STABILITA' :

```

|L0 = 88.0|
Z |Lc = 88.0|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.0|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -7411.7|Mzeq = 0.0|Myeq = 0.0|Ss = -1559.0 ( 0.595)

```

```

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 682- 665) 1124
-----
PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

```

Copertura area carburante - Relazione di calcolo

| 6- 1|	0.0|	0.0|	0.0|	-8811.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8767.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	-1150.9|	0.0|	0.0|	1150.9|
| 6- 1|si| 6| Tz |	-1150.9|	0.0|	0.0|	1150.9|
| 5- 1|si| 9| Ty |	-1145.2|	0.0|	0.0|	1145.2|

PROGR.

11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-8810.8|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8766.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	-1150.8|	0.0|	0.0|	1150.8|
| 6- 1|si| 6| Tz |	-1150.8|	0.0|	0.0|	1150.8|
| 5- 1|si| 9| Ty |	-1145.0|	0.0|	0.0|	1145.0|

PROGR.

22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-8809.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8765.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	-1150.7|	0.0|	0.0|	1150.7|
| 6- 1|si| 6| Tz |	-1150.7|	0.0|	0.0|	1150.7|
| 5- 1|si| 9| Ty |	-1144.9|	0.0|	0.0|	1144.9|

PROGR.

33.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-8809.1|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8765.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	-1150.6|	0.0|	0.0|	1150.6|
| 6- 1|si| 6| Tz |	-1150.6|	0.0|	0.0|	1150.6|
| 5- 1|si| 9| Ty |	-1144.8|	0.0|	0.0|	1144.8|

PROGR.

44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-8808.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8764.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |	-1150.5|	0.0|	0.0|	1150.5|
| 6- 1|si| 6| Tz |	-1150.5|	0.0|	0.0|	1150.5|
| 5- 1|si| 9| Ty |	-1144.7|	0.0|	0.0|	1144.7|

PROGR.

55.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-8807.3|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8763.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |	-1150.3|	0.0|	0.0|	1150.3|
| 6- 1|si| 6| Tz |	-1150.3|	0.0|	0.0|	1150.3|
| 5- 1|si| 9| Ty |	-1144.6|	0.0|	0.0|	1144.6|

PROGR.

66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-8806.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8762.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |	-1150.2|	0.0|	0.0|	1150.2|
| 6- 1|si| 6| Tz |	-1150.2|	0.0|	0.0|	1150.2|
| 5- 1|si| 9| Ty |	-1144.5|	0.0|	0.0|	1144.5|

PROGR.

77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-8805.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8761.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |	-1150.1|	0.0|	0.0|	1150.1|
| 6- 1|si| 6| Tz |	-1150.1|	0.0|	0.0|	1150.1|
| 5- 1|si| 9| Ty |	-1144.4|	0.0|	0.0|	1144.4|

PROGR.

88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-8804.8|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-8760.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |	-1150.0|	0.0|	0.0|	1150.0|
| 6- 1|si| 6| Tz |	-1150.0|	0.0|	0.0|	1150.0|
| 5- 1|si| 9| Ty |	-1144.3|	0.0|	0.0|	1144.3|

VERIFICA STABILITA` :

L0 = 88. |
 Y |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Z |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -8811.6|Mzeq = 0.0|Myeq = 0.0|Ss = -1853.5 (0.708)

P_IPE80_S008 (8) stato limite ultimo - ASTA (683- 667) 1128

SOLLECITAZIONI : PROGR. 0.

Copertura area carburante - Relazione di calcolo

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6200.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6158.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1 |Sx  Si | -809.9 |      0.0 |      0.0 | 809.9 |
| 5- 1 |si| 6 | Tz  | -804.4 |      0.0 |      0.0 | 804.4 |
| 5- 1 |si| 9 | Ty  | -804.4 |      0.0 |      0.0 | 804.4 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6200.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6157.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 3 |Sx  Si | -809.8 |      0.0 |      0.0 | 809.8 |
| 5- 1 |si| 6 | Tz  | -804.3 |      0.0 |      0.0 | 804.3 |
| 5- 1 |si| 9 | Ty  | -804.3 |      0.0 |      0.0 | 804.3 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6199.2 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6157.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -809.7 |      0.0 |      0.0 | 809.7 |
| 5- 1 |si| 6 | Tz  | -804.2 |      0.0 |      0.0 | 804.2 |
| 5- 1 |si| 9 | Ty  | -804.2 |      0.0 |      0.0 | 804.2 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6198.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6156.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -809.6 |      0.0 |      0.0 | 809.6 |
| 5- 1 |si| 6 | Tz  | -804.1 |      0.0 |      0.0 | 804.1 |
| 5- 1 |si| 9 | Ty  | -804.1 |      0.0 |      0.0 | 804.1 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6197.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6155.4 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -809.5 |      0.0 |      0.0 | 809.5 |
| 5- 1 |si| 6 | Tz  | -804.0 |      0.0 |      0.0 | 804.0 |
| 5- 1 |si| 9 | Ty  | -804.0 |      0.0 |      0.0 | 804.0 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6196.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6154.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -809.4 |      0.0 |      0.0 | 809.4 |
| 5- 1 |si| 6 | Tz  | -803.9 |      0.0 |      0.0 | 803.9 |
| 5- 1 |si| 9 | Ty  | -803.9 |      0.0 |      0.0 | 803.9 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6195.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6153.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -809.2 |      0.0 |      0.0 | 809.2 |
| 5- 1 |si| 6 | Tz  | -803.7 |      0.0 |      0.0 | 803.7 |
| 5- 1 |si| 9 | Ty  | -803.7 |      0.0 |      0.0 | 803.7 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6194.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6152.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -809.1 |      0.0 |      0.0 | 809.1 |
| 5- 1 |si| 6 | Tz  | -803.6 |      0.0 |      0.0 | 803.6 |
| 5- 1 |si| 9 | Ty  | -803.6 |      0.0 |      0.0 | 803.6 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6194.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6152.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 4 |Sx  Si | -809.0 |      0.0 |      0.0 | 809.0 |
| 5- 1 |si| 6 | Tz  | -803.5 |      0.0 |      0.0 | 803.5 |
| 5- 1 |si| 9 | Ty  | -803.5 |      0.0 |      0.0 | 803.5 |
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -6200.9 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1304.3 ( 0.498)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 685- 669) 1132
-----
PROGR. 0.

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Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3579.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3534.6 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | -467.5 |      0.0 |      0.0 | 467.5 |
| 6- 1|si| 6|  Tz  | -467.5 |      0.0 |      0.0 | 467.5 |
| 5- 1|si| 9|  Ty  | -461.7 |      0.0 |      0.0 | 461.7 |
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3578.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3533.7 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -467.4 |      0.0 |      0.0 | 467.4 |
| 6- 1|si| 6|  Tz  | -467.4 |      0.0 |      0.0 | 467.4 |
| 5- 1|si| 9|  Ty  | -461.5 |      0.0 |      0.0 | 461.5 |
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3577.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3532.9 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -467.3 |      0.0 |      0.0 | 467.3 |
| 6- 1|si| 6|  Tz  | -467.3 |      0.0 |      0.0 | 467.3 |
| 5- 1|si| 9|  Ty  | -461.4 |      0.0 |      0.0 | 461.4 |
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3576.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3532.0 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -467.2 |      0.0 |      0.0 | 467.2 |
| 6- 1|si| 6|  Tz  | -467.2 |      0.0 |      0.0 | 467.2 |
| 5- 1|si| 9|  Ty  | -461.3 |      0.0 |      0.0 | 461.3 |
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3576.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3531.2 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -467.1 |      0.0 |      0.0 | 467.1 |
| 6- 1|si| 6|  Tz  | -467.1 |      0.0 |      0.0 | 467.1 |
| 5- 1|si| 9|  Ty  | -461.2 |      0.0 |      0.0 | 461.2 |
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3575.2 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3530.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -467.0 |      0.0 |      0.0 | 467.0 |
| 6- 1|si| 6|  Tz  | -467.0 |      0.0 |      0.0 | 467.0 |
| 5- 1|si| 9|  Ty  | -461.1 |      0.0 |      0.0 | 461.1 |
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3574.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3529.4 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -466.9 |      0.0 |      0.0 | 466.9 |
| 6- 1|si| 6|  Tz  | -466.9 |      0.0 |      0.0 | 466.9 |
| 5- 1|si| 9|  Ty  | -461.0 |      0.0 |      0.0 | 461.0 |
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3573.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3528.6 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -466.7 |      0.0 |      0.0 | 466.7 |
| 6- 1|si| 6|  Tz  | -466.7 |      0.0 |      0.0 | 466.7 |
| 5- 1|si| 9|  Ty  | -460.9 |      0.0 |      0.0 | 460.9 |
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3572.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3527.7 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -466.6 |      0.0 |      0.0 | 466.6 |
| 6- 1|si| 6|  Tz  | -466.6 |      0.0 |      0.0 | 466.6 |
| 5- 1|si| 9|  Ty  | -460.8 |      0.0 |      0.0 | 460.8 |
-----

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -3579.5|Mzeq = 0.0|Myeq = 0.0|Ss = -752.9 ( 0.287)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 689- 673) 1140

```


Copertura area carburante - Relazione di calcolo

-----								PROGR.	0.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4230.1	0.0	0.0			
12-12	0.0	0.0	0.0	-768.5	0.0	0.0			
6- 1	0.0	0.0	0.0	-4181.7	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-552.5	0.0	0.0	552.5	
12-12	si	6	Tz		-100.4	0.0	0.0	100.4	
6- 1	si	9	Ty		-546.2	0.0	0.0	546.2	
-----								PROGR.	11.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4229.2	0.0	0.0			
12-12	0.0	0.0	0.0	-767.8	0.0	0.0			
6- 1	0.0	0.0	0.0	-4180.8	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-552.4	0.0	0.0	552.4	
12-12	si	6	Tz		-100.3	0.0	0.0	100.3	
6- 1	si	9	Ty		-546.1	0.0	0.0	546.1	
-----								PROGR.	22.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4228.3	0.0	0.0			
12-12	0.0	0.0	0.0	-767.2	0.0	0.0			
6- 1	0.0	0.0	0.0	-4180.0	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-552.3	0.0	0.0	552.3	
12-12	si	6	Tz		-100.2	0.0	0.0	100.2	
6- 1	si	9	Ty		-546.0	0.0	0.0	546.0	
-----								PROGR.	33.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4227.5	0.0	0.0			
12-12	0.0	0.0	0.0	-766.5	0.0	0.0			
6- 1	0.0	0.0	0.0	-4179.1	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-552.2	0.0	0.0	552.2	
12-12	si	6	Tz		-100.1	0.0	0.0	100.1	
6- 1	si	9	Ty		-545.8	0.0	0.0	545.8	
-----								PROGR.	44.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4226.6	0.0	0.0			
12-12	0.0	0.0	0.0	-765.8	0.0	0.0			
6- 1	0.0	0.0	0.0	-4178.3	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-552.1	0.0	0.0	552.1	
12-12	si	6	Tz		-100.0	0.0	0.0	100.0	
6- 1	si	9	Ty		-545.7	0.0	0.0	545.7	
-----								PROGR.	55.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4225.8	0.0	0.0			
12-12	0.0	0.0	0.0	-765.2	0.0	0.0			
6- 1	0.0	0.0	0.0	-4177.4	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-551.9	0.0	0.0	551.9	
12-12	si	6	Tz		-99.9	0.0	0.0	99.9	
6- 1	si	9	Ty		-545.6	0.0	0.0	545.6	
-----								PROGR.	66.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4224.9	0.0	0.0			
12-12	0.0	0.0	0.0	-764.5	0.0	0.0			
6- 1	0.0	0.0	0.0	-4176.6	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-551.8	0.0	0.0	551.8	
12-12	si	6	Tz		-99.9	0.0	0.0	99.9	
6- 1	si	9	Ty		-545.5	0.0	0.0	545.5	
-----								PROGR.	77.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4224.1	0.0	0.0			
12-12	0.0	0.0	0.0	-763.9	0.0	0.0			
6- 1	0.0	0.0	0.0	-4175.7	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-551.7	0.0	0.0	551.7	
12-12	si	6	Tz		-99.8	0.0	0.0	99.8	
6- 1	si	9	Ty		-545.4	0.0	0.0	545.4	
-----								PROGR.	88.
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-4223.2	0.0	0.0			
12-12	0.0	0.0	0.0	-763.2	0.0	0.0			
6- 1	0.0	0.0	0.0	-4174.9	0.0	0.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	si	1	Sx	Si	-551.6	0.0	0.0	551.6	
12-12	si	6	Tz		-99.7	0.0	0.0	99.7	
6- 1	si	9	Ty		-545.3	0.0	0.0	545.3	

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

|L0 = 88.1
 Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -4230.1|Mzeq = 0.0|Myeq = 0.0|Ss = -889.8 (0.340)

P_IPE80_S008 (8) stato limite ultimo - ASTA (691- 675) 1144
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6881.4|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6829.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-898.8|	0.0|	0.0|	898.8|
6- 1|si| 6| Tz	Tz|	-892.0|	0.0|	0.0|	892.0|
6- 1|si| 9| Ty	Ty|	-892.0|	0.0|	0.0|	892.0|

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6880.5|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6828.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-898.7|	0.0|	0.0|	898.7|
6- 1|si| 6| Tz	Tz|	-891.9|	0.0|	0.0|	891.9|
6- 1|si| 9| Ty	Ty|	-891.9|	0.0|	0.0|	891.9|

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6879.7|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6827.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-898.6|	0.0|	0.0|	898.6|
6- 1|si| 6| Tz	Tz|	-891.8|	0.0|	0.0|	891.8|
6- 1|si| 9| Ty	Ty|	-891.8|	0.0|	0.0|	891.8|

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6878.8|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6826.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-898.5|	0.0|	0.0|	898.5|
6- 1|si| 6| Tz	Tz|	-891.7|	0.0|	0.0|	891.7|
6- 1|si| 9| Ty	Ty|	-891.7|	0.0|	0.0|	891.7|

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6878.0|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6825.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-898.3|	0.0|	0.0|	898.3|
6- 1|si| 6| Tz	Tz|	-891.5|	0.0|	0.0|	891.5|
6- 1|si| 9| Ty	Ty|	-891.5|	0.0|	0.0|	891.5|

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6877.1|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6825.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-898.2|	0.0|	0.0|	898.2|
6- 1|si| 6| Tz	Tz|	-891.4|	0.0|	0.0|	891.4|
6- 1|si| 9| Ty	Ty|	-891.4|	0.0|	0.0|	891.4|

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6876.3|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6824.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-898.1|	0.0|	0.0|	898.1|
6- 1|si| 6| Tz	Tz|	-891.3|	0.0|	0.0|	891.3|
6- 1|si| 9| Ty	Ty|	-891.3|	0.0|	0.0|	891.3|

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6875.4|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6823.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-898.0|	0.0|	0.0|	898.0|
6- 1|si| 6| Tz	Tz|	-891.2|	0.0|	0.0|	891.2|
6- 1|si| 9| Ty	Ty|	-891.2|	0.0|	0.0|	891.2|

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-6874.6|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-6822.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-897.9|	0.0|	0.0|	897.9|
6- 1|si| 6| Tz	Tz|	-891.1|	0.0|	0.0|	891.1|
6- 1|si| 9| Ty	Ty|	-891.1|	0.0|	0.0|	891.1|

Copertura area carburante - Relazione di calcolo

 VERIFICA STABILITA' :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -6881.4 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1447.5 (0.553)

P_IPE80_S008 (8) stato limite ultimo - ASTA (693- 677) 1148

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9435.6	0.0	0.0
6- 1	0.0	0.0	0.0	-9386.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1232.4	0.0	0.0	1232.4
5- 1	|si	|6	|Tz	Ty	-1232.4	0.0	0.0	1232.4
6- 1	|si	|9	|Ty	Tz	-1226.0	0.0	0.0	1226.0

 PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9434.7	0.0	0.0
6- 1	0.0	0.0	0.0	-9386.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1232.3	0.0	0.0	1232.3
5- 1	|si	|6	|Tz	Ty	-1232.3	0.0	0.0	1232.3
6- 1	|si	|9	|Ty	Tz	-1225.9	0.0	0.0	1225.9

 PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9433.9	0.0	0.0
6- 1	0.0	0.0	0.0	-9385.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1232.2	0.0	0.0	1232.2
5- 1	|si	|6	|Tz	Ty	-1232.2	0.0	0.0	1232.2
6- 1	|si	|9	|Ty	Tz	-1225.8	0.0	0.0	1225.8

 PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9433.0	0.0	0.0
6- 1	0.0	0.0	0.0	-9384.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1232.1	0.0	0.0	1232.1
5- 1	|si	|6	|Tz	Ty	-1232.1	0.0	0.0	1232.1
6- 1	|si	|9	|Ty	Tz	-1225.7	0.0	0.0	1225.7

 PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9432.2	0.0	0.0
6- 1	0.0	0.0	0.0	-9383.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1232.0	0.0	0.0	1232.0
5- 1	|si	|6	|Tz	Ty	-1232.0	0.0	0.0	1232.0
6- 1	|si	|9	|Ty	Tz	-1225.6	0.0	0.0	1225.6

 PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9431.3	0.0	0.0
6- 1	0.0	0.0	0.0	-9382.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1231.8	0.0	0.0	1231.8
5- 1	|si	|6	|Tz	Ty	-1231.8	0.0	0.0	1231.8
6- 1	|si	|9	|Ty	Tz	-1225.5	0.0	0.0	1225.5

 PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9430.4	0.0	0.0
6- 1	0.0	0.0	0.0	-9381.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1231.7	0.0	0.0	1231.7
5- 1	|si	|6	|Tz	Ty	-1231.7	0.0	0.0	1231.7
6- 1	|si	|9	|Ty	Tz	-1225.4	0.0	0.0	1225.4

 PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9429.6	0.0	0.0
6- 1	0.0	0.0	0.0	-9380.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1231.6	0.0	0.0	1231.6
5- 1	|si	|6	|Tz	Ty	-1231.6	0.0	0.0	1231.6
6- 1	|si	|9	|Ty	Tz	-1225.3	0.0	0.0	1225.3

 PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9428.7	0.0	0.0
6- 1	0.0	0.0	0.0	-9380.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1231.5	0.0	0.0	1231.5
5- 1	|si	|6	|Tz	Ty	-1231.5	0.0	0.0	1231.5

Copertura area carburante - Relazione di calcolo

6-1	si	9	Ty	-1225.2	0.0	0.0	1225.2
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VERIFICA STABILITA' :

|L0 = 88.1
 Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5-1 - Nodo 1 - Asse Y
 Ned = -9435.6|Mzeq = 0.0|Myeq = 0.0|Ss = -1984.7 (0.758)

P_IPE80_S008 (8) stato limite ultimo - ASTA (726- 702) 1204

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8920.2	0.0	0.0
5-1	0.0	0.0	0.0	-8876.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1165.1	0.0	0.0	1165.1
6-1	si	6	Tz	-1165.1	0.0	0.0	1165.1
5-1	si	9	Ty	-1159.3	0.0	0.0	1159.3

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8919.4	0.0	0.0
5-1	0.0	0.0	0.0	-8875.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1165.0	0.0	0.0	1165.0
6-1	si	6	Tz	-1165.0	0.0	0.0	1165.0
5-1	si	9	Ty	-1159.2	0.0	0.0	1159.2

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8918.5	0.0	0.0
5-1	0.0	0.0	0.0	-8874.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1164.9	0.0	0.0	1164.9
6-1	si	6	Tz	-1164.9	0.0	0.0	1164.9
5-1	si	9	Ty	-1159.1	0.0	0.0	1159.1

PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8917.7	0.0	0.0
5-1	0.0	0.0	0.0	-8873.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1164.8	0.0	0.0	1164.8
6-1	si	6	Tz	-1164.8	0.0	0.0	1164.8
5-1	si	9	Ty	-1159.0	0.0	0.0	1159.0

PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8916.8	0.0	0.0
5-1	0.0	0.0	0.0	-8872.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1164.6	0.0	0.0	1164.6
6-1	si	6	Tz	-1164.6	0.0	0.0	1164.6
5-1	si	9	Ty	-1158.9	0.0	0.0	1158.9

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8916.0	0.0	0.0
5-1	0.0	0.0	0.0	-8871.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1164.5	0.0	0.0	1164.5
6-1	si	6	Tz	-1164.5	0.0	0.0	1164.5
5-1	si	9	Ty	-1158.8	0.0	0.0	1158.8

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8915.1	0.0	0.0
5-1	0.0	0.0	0.0	-8871.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1164.4	0.0	0.0	1164.4
6-1	si	6	Tz	-1164.4	0.0	0.0	1164.4
5-1	si	9	Ty	-1158.7	0.0	0.0	1158.7

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8914.3	0.0	0.0
5-1	0.0	0.0	0.0	-8870.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1164.3	0.0	0.0	1164.3
6-1	si	6	Tz	-1164.3	0.0	0.0	1164.3
5-1	si	9	Ty	-1158.6	0.0	0.0	1158.6

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-8913.4	0.0	0.0
5-1	0.0	0.0	0.0	-8869.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1164.2	0.0	0.0	1164.2

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 6|	Tz	| -1164.2|	0.0|	0.0|	1164.2|	
| 5- 1|si| 9|	Ty	| -1158.4|	0.0|	0.0|	1158.4|	

VERIFICA STABILITA` :						
|L0 = 88. |						
Z	|Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|					
Y	|Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|					
Caso 6- 1 - Nodo 4 - Asse Y						
Ned =	-8920.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1876.3 (0.716)					
P_IPE80_S008 (8) stato limite ultimo - ASTA (727- 705) 1210						

PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6459.0|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6409.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 1|Sx	Si	-843.6|	0.0|	0.0|	843.6|	
| 5- 1|si| 6|	Tz	-837.1|	0.0|	0.0|	837.1|	
| 5- 1|si| 9|	Ty	-837.1|	0.0|	0.0|	837.1|	

PROGR. 11.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6458.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6408.4|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 3|Sx	Si	-843.5|	0.0|	0.0|	843.5|	
| 5- 1|si| 6|	Tz	-837.0|	0.0|	0.0|	837.0|	
| 5- 1|si| 9|	Ty	-837.0|	0.0|	0.0|	837.0|	

PROGR. 22.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6457.3|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6407.5|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	-843.4|	0.0|	0.0|	843.4|	
| 5- 1|si| 6|	Tz	-836.9|	0.0|	0.0|	836.9|	
| 5- 1|si| 9|	Ty	-836.9|	0.0|	0.0|	836.9|	

PROGR. 33.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6456.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6406.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	-843.3|	0.0|	0.0|	843.3|	
| 5- 1|si| 6|	Tz	-836.8|	0.0|	0.0|	836.8|	
| 5- 1|si| 9|	Ty	-836.8|	0.0|	0.0|	836.8|	

PROGR. 44.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6455.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6405.8|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	-843.2|	0.0|	0.0|	843.2|	
| 5- 1|si| 6|	Tz	-836.7|	0.0|	0.0|	836.7|	
| 5- 1|si| 9|	Ty	-836.7|	0.0|	0.0|	836.7|	

PROGR. 55.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6454.7|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6405.0|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	-843.1|	0.0|	0.0|	843.1|	
| 5- 1|si| 6|	Tz	-836.6|	0.0|	0.0|	836.6|	
| 5- 1|si| 9|	Ty	-836.6|	0.0|	0.0|	836.6|	

PROGR. 66.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6453.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6404.1|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	-843.0|	0.0|	0.0|	843.0|	
| 5- 1|si| 6|	Tz	-836.5|	0.0|	0.0|	836.5|	
| 5- 1|si| 9|	Ty	-836.5|	0.0|	0.0|	836.5|	

PROGR. 77.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6453.0|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6403.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	-842.8|	0.0|	0.0|	842.8|	
| 5- 1|si| 6|	Tz	-836.3|	0.0|	0.0|	836.3|	
| 5- 1|si| 9|	Ty	-836.3|	0.0|	0.0|	836.3|	

PROGR. 88.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6452.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6402.4|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		

Copertura area carburante - Relazione di calcolo

```

| 6- 1|si| 4|Sx  Si| -842.7| 0.0| 0.0| 842.7|
| 5- 1|si| 6| Tz  | -836.2| 0.0| 0.0| 836.2|
| 5- 1|si| 9| Ty  | -836.2| 0.0| 0.0| 836.2|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -6459.0|Mzeq = 0.0|Myeq = 0.0|Ss = -1358.6 ( 0.519)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 732- 708) 1216
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3973.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3924.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -519.0| 0.0| 0.0| 519.0|
| 6- 1|si| 6| Tz  | -519.0| 0.0| 0.0| 519.0|
| 5- 1|si| 9| Ty  | -512.6| 0.0| 0.0| 512.6|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3972.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3923.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -518.9| 0.0| 0.0| 518.9|
| 6- 1|si| 6| Tz  | -518.9| 0.0| 0.0| 518.9|
| 5- 1|si| 9| Ty  | -512.5| 0.0| 0.0| 512.5|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3971.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3923.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -518.8| 0.0| 0.0| 518.8|
| 6- 1|si| 6| Tz  | -518.8| 0.0| 0.0| 518.8|
| 5- 1|si| 9| Ty  | -512.4| 0.0| 0.0| 512.4|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3971.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3922.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -518.7| 0.0| 0.0| 518.7|
| 6- 1|si| 6| Tz  | -518.7| 0.0| 0.0| 518.7|
| 5- 1|si| 9| Ty  | -512.3| 0.0| 0.0| 512.3|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3970.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3921.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -518.5| 0.0| 0.0| 518.5|
| 6- 1|si| 6| Tz  | -518.5| 0.0| 0.0| 518.5|
| 5- 1|si| 9| Ty  | -512.2| 0.0| 0.0| 512.2|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3969.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3920.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -518.4| 0.0| 0.0| 518.4|
| 6- 1|si| 6| Tz  | -518.4| 0.0| 0.0| 518.4|
| 5- 1|si| 9| Ty  | -512.1| 0.0| 0.0| 512.1|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3968.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3919.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -518.3| 0.0| 0.0| 518.3|
| 6- 1|si| 6| Tz  | -518.3| 0.0| 0.0| 518.3|
| 5- 1|si| 9| Ty  | -511.9| 0.0| 0.0| 511.9|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3967.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3918.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -518.2| 0.0| 0.0| 518.2|
| 6- 1|si| 6| Tz  | -518.2| 0.0| 0.0| 518.2|
| 5- 1|si| 9| Ty  | -511.8| 0.0| 0.0| 511.8|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3966.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3917.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	4	Sx	Si	-518.1	0.0	518.1
6- 1	|si	6	Tz		-518.1	0.0	518.1
5- 1	|si	9	Ty		-511.7	0.0	511.7

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -3973.6 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -835.8 (0.319)

P_HEA120_S011 (11) stato limite ultimo - ASTA (373- 374) 668
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	4604.6	-1284.4	0.0	9598.7	9.8	16.9
12- 8	-1405.5	3650.3	0.0	-2627.6	-33.7	36.8
6- 1	1535.0	-120.0	0.0	-556.2	0.6	74.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 4	|si	3	Sx	Si	454.3	0.0	454.3
12- 8	|si	6	Tz		-113.1	-3.9	113.3
6- 1	|si	9	Ty		-22.0	0.0	33.7

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	4955.3	-1520.7	0.0	9598.7	9.8	12.1
12- 8	-576.4	4462.9	0.0	-2627.6	-33.7	32.0
6- 1	3260.1	-135.0	0.0	-556.2	0.6	68.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 4	|si	3	Sx	Si	463.7	0.0	463.7
12- 8	|si	6	Tz		-126.0	-3.7	126.2
6- 1	|si	9	Ty		-22.0	0.0	32.1

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	5190.4	-1757.0	0.0	9598.7	9.8	7.3
12- 8	137.1	5275.5	0.0	-2627.6	-33.7	27.2
6- 1	4834.9	-150.0	0.0	-556.2	0.6	62.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 4	|si	3	Sx	Si	472.1	0.0	472.1
12- 8	|si	6	Tz		-137.8	-3.6	138.0
6- 1	|si	9	Ty		-22.1	0.0	30.6

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	5309.9	-1993.4	0.0	9598.7	9.8	2.6
12- 8	735.0	6088.0	0.0	-2627.6	-33.7	22.4
6- 1	6259.4	-165.0	0.0	-556.2	0.6	55.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 4	|si	3	Sx	Si	479.3	0.0	479.3
12- 8	|si	6	Tz		-148.5	-3.4	148.6
6- 1	|si	9	Ty		-22.1	0.0	29.2

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	5313.8	-2229.7	0.0	9598.7	9.8	-2.2
12- 8	1217.3	6900.6	0.0	-2627.6	-33.7	17.6
6- 1	7533.7	-180.0	0.0	-556.2	0.6	49.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 4	|si	3	Sx	Si	485.5	0.0	485.5
12- 8	|si	6	Tz		-158.2	-3.2	158.2
6- 1	|si	9	Ty		-22.1	0.0	27.9

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	5202.1	-2466.0	0.0	9598.7	9.8	-7.0
12- 8	1584.0	7713.2	0.0	-2627.6	-33.7	12.8
6- 1	8657.7	-195.0	0.0	-556.2	0.6	43.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 4	|si	3	Sx	Si	490.6	0.0	490.6
12- 8	|si	6	Tz		-166.7	-3.0	166.8
6- 1	|si	9	Ty		-22.1	0.0	26.6

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	4974.8	-2702.4	0.0	9598.7	9.8	-11.8
12- 8	1835.1	8525.7	0.0	-2627.6	-33.7	8.0
6- 1	9631.4	-210.0	0.0	-556.2	0.6	37.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 4	|si	3	Sx	Si	494.6	0.0	494.6
12- 8	|si	6	Tz		-174.2	-2.8	174.2
6- 1	|si	9	Ty		-22.1	0.0	25.5

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 4	4631.9	-2938.7	0.0	9598.7	9.8	-16.6
12- 9	3093.8	-9439.4	0.0	3370.9	34.0	-6.6
6- 1	10454.9	-224.9	0.0	-556.2	0.6	31.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

11- 4 si 3 Sx	Si	497.6	0.0	0.0	497.6		
| 12- 9|si| 6| Tz		162.9|	2.8|	0.0|	163.0|		
| 6- 1|si| 9| Ty		-22.1|	0.0|	-6.1|	24.5|		
-----							193.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11- 4|	4173.4|	-3175.0|	0.0|	9598.7|	9.8|	-21.4|	
| 12- 9|	2877.3|	-10258.7|	0.0|	3370.9|	34.0|	-11.4|	
| 6- 1|	11128.1|	-239.9|	0.0|	-556.2|	0.6|	24.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 4|si| 3|Sx	Si	499.4|	0.0|	0.0|	499.4|		
| 12- 9|si| 6| Tz		170.1|	2.9|	0.0|	170.2|		
| 6- 1|si| 9| Ty		-22.1|	0.0|	-4.9|	23.7|		

VERIFICA STABILITA` :							
|L0 = 193. |							
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|							
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|							
Caso11-16 - Nodo 4 - Asse Y							
Ned = -8689.6|Mzeq = -3499.8|Myeq = -3129.2|Ss = -608.4 (0.232)							
P_HEA120_S011 (11) stato limite ultimo - ASTA (374- 375)							669
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	11713.3|	-360.7|	0.0|	16144.2|	-2.6|	36.3|	
| 12-16|	1721.2|	-10887.4|	0.0|	2158.7|	-173.4|	22.7|	
| 6- 1|	11128.1|	-239.9|	0.0|	14431.3|	-1.8|	37.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	754.6|	0.0|	0.0|	754.6|		
| 12-16|si| 6| Tz		137.2|	-13.6|	0.0|	139.2|		
| 6- 1|si| 9| Ty		567.7|	0.0|	-7.4|	567.8|		
-----							24.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	12513.6|	-297.1|	0.0|	16144.2|	-2.6|	30.1|	
| 12-16|	2211.5|	-6704.9|	0.0|	2158.7|	-173.4|	17.9|	
| 6- 1|	11952.6|	-197.6|	0.0|	14431.3|	-1.8|	31.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	760.4|	0.0|	0.0|	760.4|		
| 12-16|si| 6| Tz		106.3|	-13.4|	0.0|	108.8|		
| 6- 1|si| 9| Ty		567.7|	0.0|	-6.1|	567.8|		
-----							48.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	13163.6|	-233.6|	0.0|	16144.2|	-2.6|	23.8|	
| 12-16|	2586.2|	-2522.5|	0.0|	2158.7|	-173.4|	13.1|	
| 6- 1|	12626.8|	-155.2|	0.0|	14431.3|	-1.8|	24.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	764.9|	0.0|	0.0|	764.9|		
| 12-16|si| 6| Tz		76.5|	-13.2|	0.0|	79.9|		
| 6- 1|si| 9| Ty		567.8|	0.0|	-4.9|	567.8|		
-----							72.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	13663.3|	-170.1|	0.0|	16144.2|	-2.6|	17.6|	
| 12-16|	2845.4|	1659.9|	0.0|	2158.7|	-173.4|	8.3|	
| 6- 1|	13150.8|	-112.9|	0.0|	14431.3|	-1.8|	18.6|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	767.9|	0.0|	0.0|	767.9|		
| 12-16|si| 6| Tz		47.8|	-13.1|	0.0|	52.9|		
| 6- 1|si| 9| Ty		567.8|	0.0|	-3.7|	567.8|		
-----							96.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	14012.8|	-106.5|	0.0|	16144.2|	-2.6|	11.4|	
| 12-16|	2988.9|	5842.3|	0.0|	2158.7|	-173.4|	3.6|	
| 6- 1|	13524.5|	-70.5|	0.0|	14431.3|	-1.8|	12.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	769.6|	0.0|	0.0|	769.6|		
| 12-16|si| 6| Tz		20.2|	-12.9|	0.0|	30.1|		
| 6- 1|si| 9| Ty		567.9|	0.0|	-2.4|	567.9|		
-----							121.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	14212.0|	-43.0|	0.0|	16144.2|	-2.6|	5.1|	
| 12- 1|	3914.8|	-10028.4|	0.0|	5172.8|	172.5|	-5.6|	
| 11- 1|	4783.6|	-2917.7|	0.0|	8777.0|	51.6|	-7.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	769.8|	0.0|	0.0|	769.8|		
| 12- 1|si| 6| Tz		229.8|	12.9|	0.0|	230.9|		
| 11- 1|si| 9| Ty		342.3|	0.0|	1.5|	342.3|		
-----							145.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	14261.0|	20.6|	0.0|	16144.2|	-2.6|	-1.1|	
| 12- 1|	3721.6|	-14190.0|	0.0|	5172.8|	172.5|	-10.4|	
11- 1	4537.8	-4162.1	0.0	8777.0	51.6	-12.6	
TENSIONI (Sz= 0.00) :							
Caso Ve No massimi	Sx	Tz	Ty	Si			
5- 1 si 4 Sx	Si	769.7	0.0	0.0	769.7		

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12- 1 si 6	Tz		257.8	13.1	0.0	258.7
11- 1 si 9	Ty		340.9	0.0	2.5	340.9

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	14159.7|		84.1|		0.0|		16144.2|		-2.6|		-7.3|
| 12- 1|	3412.9|		-18351.6|		0.0|		5172.8|		172.5|		-15.2|
| 8- 2|	2070.0|		11.1|		0.0|		1794.6|		-1.8|		-18.5|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	770.4|		0.0|		0.0|		770.4|
| 12- 1|si| 6|	Tz	|	286.8|		13.3|		0.0|		287.7|
| 8- 2|si| 9|	Ty	|	70.6|		0.0|		3.6|		70.9|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 12- 9|	3037.5|		23031.0|		0.0|		5345.6|		-172.5|		-18.3|
| 12- 1|	2988.5|		-22513.2|		0.0|		5172.8|		172.5|		-20.0|
| 8- 2|	1548.4|		53.6|		0.0|		1794.6|		-1.8|		-24.7|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 12- 9|si| 4|Sx	Si	|	837.2|		0.0|		0.0|		837.2|
| 12- 1|si| 6|	Tz	|	316.9|		13.5|		0.0|		317.7|
| 8- 2|si| 9|	Ty	|	70.7|		0.0|		4.9|		71.2|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11-14 - Nodo 1 - Asse Y
 Ned = -1497.3|Mzeq = 2169.2|Myeq = -5215.3|Ss = -241.5 (0.092)

P_HEA120_S011 (11) stato limite ultimo - ASTA (375- 376) 670
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	13908.1|		147.7|		0.0|		21872.7|		-2.6|		16.5|
| 12- 8|	2358.1|		-22972.1|		0.0|		4384.0|		-170.8|		19.8|
| 7- 2|	895.9|		-27.7|		0.0|		1742.4|		-0.3|		29.5|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	995.1|		0.0|		0.0|		995.1|
| 12- 8|si| 6|	Tz	|	294.6|		-13.3|		0.0|		295.5|
| 7- 2|si| 9|	Ty	|	68.5|		0.0|		-5.8|		69.3|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	14230.1|		211.2|		0.0|		21872.7|		-2.6|		10.2|
| 12- 8|	2778.9|		-18852.2|		0.0|		4384.0|		-170.8|		15.0|
| 7- 2|	1532.7|		-20.6|		0.0|		1742.4|		-0.3|		23.3|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	999.8|		0.0|		0.0|		999.8|
| 12- 8|si| 6|	Tz	|	264.8|		-13.1|		0.0|		265.8|
| 7- 2|si| 9|	Ty	|	68.5|		0.0|		-4.6|		69.0|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	14401.9|		274.7|		0.0|		21872.7|		-2.6|		4.0|
| 12- 8|	3084.2|		-14732.3|		0.0|		4384.0|		-170.8|		10.3|
| 7- 2|	2019.3|		-13.4|		0.0|		1742.4|		-0.3|		17.1|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	1003.0|		0.0|		0.0|		1003.0|
| 12- 8|si| 6|	Tz	|	236.1|		-12.9|		0.0|		237.2|
| 7- 2|si| 9|	Ty	|	68.6|		0.0|		-3.4|		68.8|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	14423.4|		338.3|		0.0|		21872.7|		-2.6|		-2.2|
| 12- 8|	3273.9|		-10612.3|		0.0|		4384.0|		-170.8|		5.5|
| 7- 2|	2355.6|		-6.3|		0.0|		1742.4|		-0.3|		10.8|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	1004.9|		0.0|		0.0|		1004.9|
| 12- 8|si| 6|	Tz	|	208.5|		-12.8|		0.0|		209.6|
| 7- 2|si| 9|	Ty	|	68.6|		0.0|		-2.1|		68.7|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	14294.7|		401.8|		0.0|		21872.7|		-2.6|		-8.5|
| 12- 6|	3597.9|		-6469.1|		0.0|		5593.4|		-171.0|		-2.3|
| 7- 1|	13064.1|		377.2|		0.0|		20261.4|		-2.6|		-8.8|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	1005.3|		0.0|		0.0|		1005.3|
| 12- 6|si| 5|	Tz	|	145.8|		-12.6|		0.0|		147.4|
| 7- 1|si| 9|	Ty	|	797.8|		0.0|		1.7|		797.8|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	14015.6|		465.4|		0.0|		21872.7|		-2.6|		-14.7|
| 12- 6|	3485.3|		-2344.2|		0.0|		5593.4|		-171.0|		-7.1|
| 7- 1|	12775.8|		438.8|		0.0|		20261.4|		-2.6|		-15.1|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	1004.4|		0.0|		0.0|		1004.4|
| 12- 6|si| 5|	Tz	|	172.7|		-12.8|		0.0|		174.1|

Copertura area carburante - Relazione di calcolo

7-1	si	9	Ty	797.9	0.0	3.0	797.9	145.
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SOLLECITAZIONI :
 ----- PROGR. 145.

Caso	MZ	MY	MT	N	TZ	TY
5-1	13586.4	528.9	0.0	21872.7	-2.6	-20.9
12-6	3257.1	1780.6	0.0	5593.4	-171.0	-11.9
7-1	12337.2	500.3	0.0	20261.4	-2.6	-21.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	4	Sx	Si	1002.0	0.0	0.0	1002.0
12-6	si	5	Tz	200.8	-13.0	0.0	202.0	
7-1	si	9	Ty	797.9	0.0	4.2	798.0	

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	13006.8	592.5	0.0	21872.7	-2.6	-27.1
12-6	2913.3	5905.5	0.0	5593.4	-171.0	-16.6
7-1	11748.4	561.8	0.0	20261.4	-2.6	-27.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	4	Sx	Si	998.2	0.0	0.0	998.2
12-6	si	5	Tz	229.9	-13.2	0.0	231.0	
7-1	si	9	Ty	798.0	0.0	5.4	798.0	

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12277.0	656.0	0.0	21872.7	-2.6	-33.4
12-6	2453.9	10030.3	0.0	5593.4	-171.0	-21.4
7-1	11009.3	623.4	0.0	20261.4	-2.6	-33.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	4	Sx	Si	993.0	0.0	0.0	993.0
12-6	si	5	Tz	260.1	-13.4	0.0	261.1	
7-1	si	9	Ty	798.1	0.0	6.7	798.1	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (376- 377) 671
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12287.8	437.7	0.0	21020.5	3.0	31.2
12-3	2500.5	9957.0	0.0	5853.9	33.7	22.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	953.9	0.0	0.0	953.9
12-3	si	5	Tz	269.4	3.3	0.0	269.5	
6-1	si	9	Ty	827.7	0.0	-6.2	827.8	

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12965.7	365.5	0.0	21020.5	3.0	25.0
12-3	2972.9	9145.1	0.0	5853.9	33.7	17.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	958.4	0.0	0.0	958.4
12-3	si	5	Tz	259.9	3.2	0.0	260.0	
6-1	si	9	Ty	827.6	0.0	-4.9	827.7	

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13493.3	293.4	0.0	21020.5	3.0	18.8
12-3	3329.7	8333.1	0.0	5853.9	33.7	12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	961.4	0.0	0.0	961.4
12-3	si	5	Tz	251.5	3.0	0.0	251.5	
6-1	si	9	Ty	827.6	0.0	-3.7	827.6	

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13870.7	221.3	0.0	21020.5	3.0	12.5
12-3	3571.0	7521.2	0.0	5853.9	33.7	7.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	963.1	0.0	0.0	963.1
12-3	si	5	Tz	244.1	2.8	0.0	244.1	
6-1	si	9	Ty	827.5	0.0	-2.5	827.5	

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	14097.8	149.2	0.0	21020.5	3.0	6.3
12-3	3696.6	6709.2	0.0	5853.9	33.7	2.8
11-14	4124.9	2062.7	0.0	7853.9	9.9	7.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	963.4	0.0	0.0	963.4
12-3	si	5	Tz	237.8	2.6	0.0	237.9	
11-14	si	9	Ty	311.3	0.0	-1.4	311.3	

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	14174.7	77.0	0.0	21020.5	3.0	0.1
12-1	3289.9	5958.8	0.0	4380.8	33.5	-5.1
11-3	2674.5	-1779.4	0.0	2383.9	-8.4	-9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	962.2	0.0	0.0	962.2
12-1	si	6	Tz	104.1	2.7	0.0	104.2	

Copertura area carburante - Relazione di calcolo

| 11- 3|si| 9|	Ty	|	91.9|	0.0|	1.9|	91.9|	145.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	14101.2|		4.9|		0.0|		21020.5|
| 12- 1|	3107.9|		5150.6|		0.0|		4380.8|
| 11- 3|	2388.6|		-1576.9|		0.0|		2383.9|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 4|	|Sx	Si	|	959.7|	|	0.0|
| 12- 1|	|si| 6|	|Tz		|	110.9|	|	2.9|
| 11- 3|	|si| 9|	|Ty		|	92.1|	|	0.0|
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	13877.5|		-67.2|		0.0|		21020.5|
| 12- 1|	2810.3|		4342.4|		0.0|		4380.8|
| 8- 2|	2078.3|		107.4|		0.0|		3133.0|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 3|	|Sx	Si	|	959.2|	|	0.0|
| 12- 1|	|si| 6|	|Tz		|	118.8|	|	3.0|
| 8- 2|	|si| 9|	|Ty		|	123.4|	|	0.0|
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	13503.6|		-139.3|		0.0|		21020.5|
| 12- 1|	2397.2|		3534.1|		0.0|		4380.8|
| 8- 2|	1522.0|		66.6|		0.0|		3133.0|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 3|	|Sx	Si	|	957.5|	|	0.0|
| 12- 1|	|si| 6|	|Tz		|	127.7|	|	3.2|
| 8- 2|	|si| 9|	|Ty		|	123.4|	|	0.0|
----- PROGR.							
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
P_HEA120_S011 (11)	stato limite ultimo - ASTA (377- 378)						672
----- PROGR.							0.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	13503.6|		-139.3|		0.0|		14417.3|
| 12- 3|	3043.3|		3461.4|		0.0|		4996.4|
| 7- 2|	2203.0|		-75.1|		0.0|		4644.0|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 3|	|Sx	Si	|	697.7|	|	0.0|
| 12- 3|	|si| 5|	|Tz		|	189.8|	|	3.1|
| 7- 2|	|si| 9|	|Ty		|	182.7|	|	0.0|
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	13743.2|		-211.5|		0.0|		14417.3|
| 12- 3|	3419.9|		2666.7|		0.0|		4996.4|
| 7- 2|	2779.8|		-88.1|		0.0|		4644.0|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 3|	|Sx	Si	|	701.8|	|	0.0|
| 12- 3|	|si| 5|	|Tz		|	181.3|	|	2.9|
| 7- 2|	|si| 9|	|Ty		|	182.7|	|	0.0|
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	13832.6|		-283.6|		0.0|		14417.3|
| 12- 3|	3680.9|		1872.0|		0.0|		4996.4|
| 7- 2|	3206.3|		-101.2|		0.0|		4644.0|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 3|	|Sx	Si	|	704.5|	|	0.0|
| 12- 3|	|si| 5|	|Tz		|	173.9|	|	2.8|
| 7- 2|	|si| 9|	|Ty		|	182.7|	|	0.0|
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	13771.8|		-355.7|		0.0|		14417.3|
| 12- 3|	3826.3|		1077.3|		0.0|		4996.4|
| 7- 2|	3482.6|		-114.2|		0.0|		4644.0|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 3|	|Sx	Si	|	705.8|	|	0.0|
| 12- 3|	|si| 5|	|Tz		|	167.5|	|	2.6|
| 7- 2|	|si| 9|	|Ty		|	182.6|	|	0.0|
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	13560.6|		-427.8|		0.0|		14417.3|
| 12- 1|	3038.1|		370.3|		0.0|		2181.8|
| 5- 1|	13052.2|		-409.5|		0.0|		12677.4|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 3|	|Sx	Si	|	705.7|	|	0.0|
| 12- 1|	|si| 6|	|Tz		|	55.0|	|	2.5|
| 5- 1|	|si| 9|	|Ty		|	498.5|	|	0.0|
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	13199.2|		-500.0|		0.0|		14417.3|
| 12- 1|	2909.3|		-420.7|		0.0|		2181.8|
| 5- 1|	12665.8|		-498.3|		0.0|		12677.4|
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	|massimi |	Sx	|	Tz	|	Ty
| 6- 1|	|si| 3|	|Sx	Si	|	705.7|	|	0.0|
12- 1	si 6	Tz			55.0		2.5
5- 1	si 9	Ty			498.5		0.0
----- PROGR.							

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 704.2| 0.0| 0.0| 704.2|
| 12- 1|si| 6| Tz | 61.2| 2.7| 0.0| 61.4|
| 5- 1|si| 9| Ty | 498.4| 0.0| 3.8| 498.4|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 12687.5| -572.1| 0.0| 14417.3| 3.0| -24.3|
| 12- 1| 2665.0| -1211.7| 0.0| 2181.8| 32.8| -12.5|
| 5- 1| 12129.2| -587.1| 0.0| 12677.4| 3.7| -25.4|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 701.3| 0.0| 0.0| 701.3|
| 12- 1|si| 6| Tz | 68.5| 2.9| 0.0| 68.7|
| 5- 1|si| 9| Ty | 498.3| 0.0| 5.0| 498.4|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 12025.6| -644.2| 0.0| 14417.3| 3.0| -30.6|
| 12- 1| 2305.1| -2002.6| 0.0| 2181.8| 32.8| -17.3|
| 5- 1| 11442.3| -675.9| 0.0| 12677.4| 3.7| -31.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 696.9| 0.0| 0.0| 696.9|
| 12- 1|si| 6| Tz | 76.8| 3.1| 0.0| 77.0|
| 5- 1|si| 9| Ty | 498.2| 0.0| 6.2| 498.3|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 11213.3| -716.3| 0.0| 14417.3| 3.0| -36.8|
| 12- 1| 1829.6| -2793.6| 0.0| 2181.8| 32.8| -22.1|
| 5- 1| 10605.1| -764.6| 0.0| 12677.4| 3.7| -37.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 691.2| 0.0| 0.0| 691.2|
| 12- 1|si| 6| Tz | 86.2| 3.3| 0.0| 86.4|
| 5- 1|si| 9| Ty | 498.1| 0.0| 7.5| 498.3|
-----
PROGR. 193.

VERIFICA STABILITA' :
|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso11- 3 - Nodo 1 - Asse Y
Ned = -1626.7|Mzeq = 2042.5|Myeq = -878.9|Ss = -133.7 ( 0.051)

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 378- 379) 673
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 4250.9| -992.1| 0.0| 9953.6| -2.2| 22.5|
| 5- 1| 10605.1| -764.6| 0.0| -2089.8| -2.0| -26.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-13|si| 3|Sx |Si| 457.4| 0.0| 0.0| 457.4|
| 5- 1|si| 5| Tz | -186.5| -1.2| 0.0| 186.5|
| 5- 1|si| 9| Ty | -83.1| 0.0| 5.3| 83.6|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 4735.4| -937.9| 0.0| 9953.6| -2.2| 17.7|
| 5- 1| 9887.3| -716.9| 0.0| -2089.8| -2.0| -32.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-13|si| 3|Sx |Si| 460.5| 0.0| 0.0| 460.5|
| 5- 1|si| 5| Tz | -179.5| -1.4| 0.0| 179.5|
| 5- 1|si| 9| Ty | -83.0| 0.0| 6.5| 83.8|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 5104.2| -883.7| 0.0| 9953.6| -2.2| 12.9|
| 5- 1| 9019.3| -669.1| 0.0| -2089.8| -2.0| -39.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-13|si| 3|Sx |Si| 462.6| 0.0| 0.0| 462.6|
| 5- 1|si| 5| Tz | -171.0| -1.7| 0.0| 171.1|
| 5- 1|si| 9| Ty | -83.0| 0.0| 7.7| 84.0|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 5357.5| -829.4| 0.0| 9953.6| -2.2| 8.1|
| 5- 1| 8000.9| -621.3| 0.0| -2089.8| -2.0| -45.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-13|si| 3|Sx |Si| 463.5| 0.0| 0.0| 463.5|
| 5- 1|si| 5| Tz | -161.2| -1.9| 0.0| 161.2|
| 5- 1|si| 9| Ty | -82.9| 0.0| 8.9| 84.3|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-13| 5495.2| -775.2| 0.0| 9953.6| -2.2| 3.3|
| 5- 1| 6832.3| -573.5| 0.0| -2089.8| -2.0| -51.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-13|si| 3|Sx |Si| 463.4| 0.0| 0.0| 463.4|
| 5- 1|si| 5| Tz | -149.9| -2.2| 0.0| 150.0|
| 5- 1|si| 9| Ty | -82.9| 0.0| 10.2| 84.7|
-----
PROGR. 121.

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Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-13|    5517.3|   -721.0|      0.0|   9953.6|     -2.2|    -1.5|
| 5- 1 |    5513.4|   -525.7|      0.0|  -2089.8|     -2.0|   -57.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-13|si| 3|Sx  Si|    462.2|      0.0|      0.0|    462.2|
| 5- 1 |si| 5|  Tz |   -137.3|     -2.4|      0.0|    137.3|
| 5- 1 |si| 9|      Ty |    -82.8|      0.0|     11.4|     85.1|
----- PROGR. 145.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-13|    5423.9|   -666.7|      0.0|   9953.6|     -2.2|    -6.3|
| 5- 1 |    4044.3|   -477.9|      0.0|  -2089.8|     -2.0|   -64.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-13|si| 3|Sx  Si|    459.9|      0.0|      0.0|    459.9|
| 5- 1 |si| 5|  Tz |   -123.2|     -2.7|      0.0|    123.3|
| 5- 1 |si| 9|      Ty |    -82.8|      0.0|     12.6|     85.6|
----- PROGR. 169.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-13|    5214.8|   -612.5|      0.0|   9953.6|     -2.2|   -11.1|
| 5- 1 |    2424.8|   -430.1|      0.0|  -2089.8|     -2.0|   -70.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-13|si| 3|Sx  Si|    456.5|      0.0|      0.0|    456.5|
| 5- 1 |si| 5|  Tz |   -107.7|     -2.9|      0.0|    107.8|
| 5- 1 |si| 9|      Ty |    -82.7|      0.0|     13.9|     86.1|
----- PROGR. 193.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-13|    4890.1|   -558.2|      0.0|   9953.6|     -2.2|   -15.9|
| 5- 1 |    655.2|   -382.3|      0.0|  -2089.8|     -2.0|   -76.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-13|si| 3|Sx  Si|    452.1|      0.0|      0.0|    452.1|
| 5- 1 |si| 5|  Tz |    -90.8|     -3.2|      0.0|     91.0|
| 5- 1 |si| 9|      Ty |    -82.7|      0.0|     15.1|     86.7|
----- PROGR. 689.

VERIFICA STABILITA' :
|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso11- 1 - Nodo 4 - Asse Y
Ned = -8504.7|Mzeq = -3458.0|Myeq = -936.2|Ss = -536.5 ( 0.205)

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 363- 373) 689
----- PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0|      0.0|      0.0| -16126.0|      0.6|    32.9|
| 12- 1|      0.0|      0.0|      0.0|      45.2|     -22.7|    26.5|
| 7- 1 |      0.0|      0.0|      0.0|   -8040.8|      0.9|    45.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si|   -634.6|      0.0|      0.0|    634.6|
| 12- 1|si| 6|  Tz |      1.8|     -2.7|      0.0|      5.0|
| 7- 1 |si| 9|      Ty |   -316.4|      0.0|     -8.9|    316.8|
| 6- 1 |si| 9|      Si |   -634.6|      0.0|     -6.5|    634.7|
----- PROGR. 24.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      717.8|   -15.0|      0.0| -16126.0|      0.6|    26.6|
| 12- 1|      582.4|   547.4|      0.0|      45.2|     -22.7|    21.7|
| 7- 1 |     1018.2|   -22.6|      0.0|   -8040.8|      0.9|    39.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si|   -641.8|      0.0|      0.0|    641.8|
| 12- 1|si| 6|  Tz |      -7.1|     -2.5|      0.0|      8.4|
| 7- 1 |si| 9|      Ty |   -316.5|      0.0|     -7.7|    316.7|
----- PROGR. 48.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     1285.4|   -30.0|      0.0| -16126.0|      0.6|    20.4|
| 12- 1|     1049.1|  1094.8|      0.0|      45.2|     -22.7|    17.0|
| 11- 1|     1851.9|   337.2|      0.0|     8591.9|     -7.0|    33.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si|   -647.5|      0.0|      0.0|    647.5|
| 12- 1|si| 6|  Tz |     -14.9|     -2.3|      0.0|     15.5|
| 11- 1|si| 9|      Ty |    338.5|      0.0|     -6.6|    338.7|
----- PROGR. 72.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     1702.6|   -45.0|      0.0| -16126.0|      0.6|    14.2|
| 12- 1|     1400.3|  1642.2|      0.0|      45.2|     -22.7|    12.2|
| 11- 1|     2604.5|   505.8|      0.0|     8591.9|     -7.0|    28.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si|   -651.8|      0.0|      0.0|    651.8|
| 12- 1|si| 6|  Tz |     -21.7|     -2.1|      0.0|     22.0|
| 11- 1|si| 9|      Ty |    338.7|      0.0|     -5.7|    338.8|
----- PROGR. 96.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     1969.6|   -60.0|      0.0| -16126.0|      0.6|      8.0|
| 12-16|     197.1|  -2216.6|      0.0|   -6474.1|     23.0|    -7.5|

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Copertura area carburante - Relazione di calcolo

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| 11-16|      -1408.5|    -701.3|      0.0| -15020.8|      7.3|    -24.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx   Si|    -654.7|      0.0|      0.0|    654.7|
| 12-16|si| 6|      Tz |    -242.7|      2.0|      0.0|    242.7|
| 11-16|si| 9|      Ty |    -591.9|      0.0|      4.8|    592.0|
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      2086.4|    -75.0|      0.0| -16126.0|      0.6|      1.7|
| 12-16|     -42.6|   -2770.7|      0.0|  -6474.1|     23.0|    -12.3|
| 11-16|   -2049.6|    -876.6|      0.0| -15020.8|      7.3|    -29.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx   Si|   -656.1|      0.0|      0.0|    656.1|
| 12-16|si| 6|      Tz |   -237.0|      2.2|      0.0|    237.0|
| 11-16|si| 9|      Ty |   -592.1|      0.0|      5.7|    592.2|
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      2052.9|    -90.0|      0.0| -16126.0|      0.6|     -4.5|
| 12-16|   -397.9|   -3324.8|      0.0|  -6474.1|     23.0|    -17.1|
| 11-16|   -2806.3|   -1052.0|      0.0| -15020.8|      7.3|    -33.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx   Si|   -656.2|      0.0|      0.0|    656.2|
| 12-16|si| 6|      Tz |   -230.2|      2.4|      0.0|    230.2|
| 11-16|si| 9|      Ty |   -592.3|      0.0|      6.7|    592.4|
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-13|     -3653.3|    1076.6|      0.0| -15206.9|     -6.4|    -38.4|
| 12-16|     -868.7|   -3879.0|      0.0|  -6474.1|     23.0|    -21.9|
| 7- 2|   -2976.9|     -37.1|      0.0| -11877.6|      0.2|    -39.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-13|si| 3|Sx   Si|   -660.7|      0.0|      0.0|    660.7|
| 12-16|si| 6|      Tz |   -222.3|      2.6|      0.0|    222.3|
| 7- 2|si| 9|      Ty |   -467.5|      0.0|      7.8|    467.7|
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-13|   -4637.6|    1230.4|      0.0| -15206.9|     -6.4|    -43.2|
| 12-16|   -1455.2|   -4433.1|      0.0|  -6474.1|     23.0|    -26.7|
| 7- 2|   -4003.3|     -42.4|      0.0| -11877.6|      0.2|    -45.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-13|si| 3|Sx   Si|   -673.9|      0.0|      0.0|    673.9|
| 12-16|si| 6|      Tz |   -213.3|      2.7|      0.0|    213.4|
| 7- 2|si| 9|      Ty |   -467.5|      0.0|      9.0|    467.7|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b )=0.3400|ki=0.9038|
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c )=0.4900|ki=0.7014|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -16126.0|Mzeq = 2039.6|Myeq = -90.0|Ss = -927.6 ( 0.354)

P_HEA120_S011 ( 11)      stato limite ultimo - ASTA ( 379- 380)      690
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|     -852.2|    -324.3|      0.0| -20069.3|     -1.7|     29.3|
| 11- 1|   -4610.7|    -530.3|      0.0| -14834.8|     -2.7|     43.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 4|Sx   Si|   -806.2|      0.0|      0.0|    806.2|
| 11- 1|si| 6|      Tz |   -537.2|     -1.9|      0.0|    537.2|
| 11- 1|si| 9|      Ty |   -584.4|      0.0|     -8.5|    584.6|
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|     -219.8|    -283.7|      0.0| -20069.3|     -1.7|     23.1|
| 11- 1|   -3629.7|    -464.0|      0.0| -14834.8|     -2.7|     38.3|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 4|Sx   Si|   -799.2|      0.0|      0.0|    799.2|
| 11- 1|si| 6|      Tz |   -546.9|     -1.7|      0.0|    546.9|
| 11- 1|si| 9|      Ty |   -584.3|      0.0|     -7.5|    584.5|
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      262.4|    -243.2|      0.0| -20069.3|     -1.7|     16.9|
| 11- 1|   -2764.4|    -397.7|      0.0| -14834.8|     -2.7|     33.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 1|Sx   Si|   -798.6|      0.0|      0.0|    798.6|
| 11- 1|si| 6|      Tz |   -555.4|     -1.5|      0.0|    555.4|
| 11- 1|si| 9|      Ty |   -584.2|      0.0|     -6.6|    584.4|
-----
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      594.4|    -202.7|      0.0| -20069.3|     -1.7|     10.6|
| 11- 1|   -2014.7|    -331.4|      0.0| -14834.8|     -2.7|     28.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 1|Sx   Si|   -800.7|      0.0|      0.0|    800.7|
| 11- 1|si| 6|      Tz |   -562.8|     -1.3|      0.0|    562.8|

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Copertura area carburante - Relazione di calcolo

| 11- 1|si| 9| Ty | -584.2| 0.0| -5.7| 584.3|
----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	776.0|	-162.1|	0.0|	-20069.3|	-1.7|	4.4|
| 11-13|	3369.8|	-279.1|	0.0|	9114.9|	-2.9|	-25.3|
| 11-16|	3401.1|	176.9|	0.0|	9080.0|	1.8|	-25.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 1|Sx	Si			-801.3|	0.0|	0.0|	801.3|
| 11-13|si| 5| Tz				325.3|	-1.2|	0.0|	325.4|
| 11-16|si| 9| Ty				357.5|	0.0|	5.1|	357.6|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	807.4|	-121.6|	0.0|	-20069.3|	-1.7|	-1.8|
| 11-13|	2700.7|	-209.3|	0.0|	9114.9|	-2.9|	-30.1|
| 11-16|	2724.2|	132.7|	0.0|	9080.0|	1.8|	-30.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 1|Sx	Si			-800.5|	0.0|	0.0|	800.5|
| 11-13|si| 5| Tz				332.1|	-1.4|	0.0|	332.1|
| 11-16|si| 9| Ty				357.5|	0.0|	6.0|	357.6|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	688.5|	-81.1|	0.0|	-20069.3|	-1.7|	-8.0|
| 11-13|	1916.1|	-139.6|	0.0|	9114.9|	-2.9|	-34.9|
| 11-16|	1931.7|	88.4|	0.0|	9080.0|	1.8|	-35.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 1|Sx	Si			-798.4|	0.0|	0.0|	798.4|
| 11-13|si| 5| Tz				339.9|	-1.6|	0.0|	339.9|
| 11-16|si| 9| Ty				357.4|	0.0|	6.9|	357.6|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	419.4|	-40.5|	0.0|	-20069.3|	-1.7|	-14.3|
| 11-13|	1015.8|	-69.8|	0.0|	9114.9|	-2.9|	-39.7|
| 11-16|	1023.7|	44.2|	0.0|	9080.0|	1.8|	-40.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 1|Sx	Si			-794.8|	0.0|	0.0|	794.8|
| 11-13|si| 5| Tz				348.7|	-1.8|	0.0|	348.8|
| 11-16|si| 9| Ty				357.4|	0.0|	7.9|	357.6|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	0.0|	0.0|	0.0|	-20069.3|	-1.7|	-20.5|
| 11-13|	0.0|	0.0|	0.0|	9114.9|	-2.9|	-44.5|
| 11-16|	0.0|	0.0|	0.0|	9080.0|	1.8|	-44.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 1|Sx	Si			-789.8|	0.0|	0.0|	789.8|
| 11-13|si| 5| Tz				358.7|	-2.0|	0.0|	358.7|
| 11-16|si| 9| Ty				357.3|	0.0|	8.8|	357.7|
| 7- 1|si| 9| Si				-789.8|	0.0|	4.0|	789.8|

VERIFICA STABILITA` :

|L0 = 193. |
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso 7- 1 - Nodo 4 - Asse Y
Ned = -20069.3|Mzeq = -639.2|Myeq = -243.2|Ss = -1139.9 (0.435)

P_HEA120_S011 (11) stato limite ultimo - ASTA (682- 683) 1112
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	10104.6|	91.8|	0.0|	15759.3|	-0.5|	74.5|
| 6- 1|	9994.4|	147.5|	0.0|	15524.5|	-0.8|	75.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|Sx	Si			717.4|	0.0|	0.0|	717.4|
| 6- 1|si| 6| Tz				516.3|	-3.0|	0.0|	516.3|
| 6- 1|si| 9| Ty				611.1|	0.0|	-14.8|	611.7|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	11827.8|	103.3|	0.0|	15759.3|	-0.5|	68.3|
| 6- 1|	11734.5|	166.0|	0.0|	15524.5|	-0.8|	69.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|Sx	Si			733.8|	0.0|	0.0|	733.8|
| 6- 1|si| 6| Tz				499.8|	-2.8|	0.0|	499.9|
| 6- 1|si| 9| Ty				611.1|	0.0|	-13.6|	611.6|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	13400.8|	114.8|	0.0|	15759.3|	-0.5|	62.1|
| 6- 1|	13324.3|	184.4|	0.0|	15524.5|	-0.8|	62.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|Sx	Si			748.9|	0.0|	0.0|	748.9|
| 6- 1|si| 6| Tz				484.8|	-2.5|	0.0|	484.8|
| 6- 1|si| 9| Ty				611.2|	0.0|	-12.4|	611.5|

----- PROGR. 72.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	14823.4|	126.2|	0.0|	15759.3|	-0.5|	55.9|
6- 1|	14763.8|	202.9|	0.0|	15524.5|	-0.8|	56.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		762.5|	0.0|	0.0|	762.5|
6- 1|si| 6|	Tz			471.2|	-2.3|	0.0|	471.2|
6- 1|si| 9|	Ty			611.2|	0.0|	-11.2|	611.5|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	16095.8|	137.7|	0.0|	15759.3|	-0.5|	49.6|
6- 1|	16053.1|	221.3|	0.0|	15524.5|	-0.8|	50.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		774.8|	0.0|	0.0|	774.8|
6- 1|si| 6|	Tz			459.0|	-2.1|	0.0|	459.0|
6- 1|si| 9|	Ty			611.2|	0.0|	-9.9|	611.4|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	17218.0|	149.2|	0.0|	15759.3|	-0.5|	43.4|
6- 1|	17192.1|	239.8|	0.0|	15524.5|	-0.8|	44.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		785.6|	0.0|	0.0|	785.6|
6- 1|si| 6|	Tz			448.2|	-1.8|	0.0|	448.2|
6- 1|si| 9|	Ty			611.2|	0.0|	-8.7|	611.4|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	18189.8|	160.7|	0.0|	15759.3|	-0.5|	37.2|
6- 1|	18180.8|	258.2|	0.0|	15524.5|	-0.8|	37.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		795.0|	0.0|	0.0|	795.0|
6- 1|si| 6|	Tz			438.8|	-1.6|	0.0|	438.8|
6- 1|si| 9|	Ty			611.2|	0.0|	-7.5|	611.4|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19011.4|	172.2|	0.0|	15759.3|	-0.5|	30.9|
6- 1|	19019.3|	276.7|	0.0|	15524.5|	-0.8|	31.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		803.0|	0.0|	0.0|	803.0|
6- 1|si| 6|	Tz			430.8|	-1.3|	0.0|	430.8|
6- 1|si| 9|	Ty			611.3|	0.0|	-6.2|	611.4|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19682.8|	183.6|	0.0|	15759.3|	-0.5|	24.7|
6- 1|	19707.5|	295.1|	0.0|	15524.5|	-0.8|	25.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		809.6|	0.0|	0.0|	809.6|
6- 1|si| 6|	Tz			424.2|	-1.1|	0.0|	424.2|
6- 1|si| 9|	Ty			611.3|	0.0|	-5.0|	611.3|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEA120_S011 (11) stato limite ultimo - ASTA (683- 685) 1114
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	19707.5|	295.1|	0.0|	30575.5|	1.1|	41.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|	Sx	Si		1395.8|	0.0|	0.0|	1395.8|
6- 1|si| 5|	Tz			1020.3|	1.7|	0.0|	1020.3|
6- 1|si| 9|	Ty			1203.6|	0.0|	-8.2|	1203.7|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	20638.2|	268.2|	0.0|	30575.5|	1.1|	35.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|	Sx	Si		1403.8|	0.0|	0.0|	1403.8|
6- 1|si| 5|	Tz			1011.4|	1.5|	0.0|	1011.4|
6- 1|si| 9|	Ty			1203.6|	0.0|	-7.0|	1203.6|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	21418.7|	241.3|	0.0|	30575.5|	1.1|	29.2|
12-16|	4729.6|	-812.4|	0.0|	6761.6|	-10.2|	12.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|	Sx	Si		1410.5|	0.0|	0.0|	1410.5|
12-16|si| 6|	Tz			226.8|	-1.3|	0.0|	226.8|
6- 1|si| 9|	Ty			1203.5|	0.0|	-5.8|	1203.6|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	22048.9|	214.5|	0.0|	30575.5|	1.1|	23.0|
12-16|	4980.1|	-565.5|	0.0|	6761.6|	-10.2|	8.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 si 4	Sx	Si		1415.7	0.0	0.0	1415.7
12-16 si 6	Tz			222.9	-1.1	0.0	222.9

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6- 1 si 9	Ty		1203.5	0.0	-4.5	1203.5			
----- PROGR. 96.									
SOLLECITAZIONI :									
Caso	MZ		MY		MT		N		TZ
6- 1	22528.8		187.6		0.0		30575.5		1.1
| 12-16|	5115.1|		-318.7|		0.0|		6761.6|		-10.2|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1419.5|		0.0|		0.0|		1419.5|
| 12-16|si| 6|	Tz	|	220.1|		-0.9|		0.0|		220.1|
| 6- 1|si| 9|	Ty	|	1203.5|		0.0|		-3.3|		1203.5|
----- PROGR. 121.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	22858.4|		160.7|		0.0|		30575.5|		1.1|
| 12- 1|	5173.3|		157.7|		0.0|		6713.8|		10.6|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1421.9|		0.0|		0.0|		1421.9|
| 12- 1|si| 6|	Tz	|	214.7|		0.9|		0.0|		214.7|
| 6- 1|si| 9|	Ty	|	1203.5|		0.0|		-2.1|		1203.5|
----- PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	23037.8|		133.8|		0.0|		30575.5|		1.1|
| 12- 1|	5021.6|		-97.4|		0.0|		6713.8|		10.6|
| 8- 2|	4358.3|		-21.0|		0.0|		5683.0|		-1.3|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1422.9|		0.0|		0.0|		1422.9|
| 12- 1|si| 6|	Tz	|	217.7|		1.1|		0.0|		217.7|
| 8- 2|si| 9|	Ty	|	223.6|		0.0|		2.3|		223.7|
----- PROGR. 169.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	23067.0|		107.0|		0.0|		30575.5|		1.1|
| 12- 1|	4754.3|		-352.6|		0.0|		6713.8|		10.6|
| 8- 2|	4004.8|		10.7|		0.0|		5683.0|		-1.3|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1422.4|		0.0|		0.0|		1422.4|
| 12- 1|si| 6|	Tz	|	221.8|		1.3|		0.0|		221.8|
| 8- 2|si| 9|	Ty	|	223.7|		0.0|		3.5|		223.7|
----- PROGR. 193.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	22945.8|		80.1|		0.0|		30575.5|		1.1|
| 12- 1|	4371.4|		-607.7|		0.0|		6713.8|		10.6|
| 8- 2|	3501.1|		42.4|		0.0|		5683.0|		-1.3|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1420.6|		0.0|		0.0|		1420.6|
| 12- 1|si| 6|	Tz	|	227.0|		1.5|		0.0|		227.0|
| 8- 2|si| 9|	Ty	|	223.7|		0.0|		4.7|		223.8|
----- PROGR. 193.									
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									

P_HEA120_S011 (11) stato limite ultimo - ASTA (685- 687) 1116									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	22945.8|		80.1|		0.0|		38477.3|		1.1|
| 12- 1|	4371.4|		-607.7|		0.0|		8249.7|		11.3|
| 8- 2|	3501.1|		42.4|		0.0|		7106.4|		-1.3|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1731.6|		0.0|		0.0|		1731.6|
| 12- 1|si| 5|	Tz	|	279.8|		1.5|		0.0|		279.9|
| 8- 2|si| 9|	Ty	|	279.7|		0.0|		-4.4|		279.8|
----- PROGR. 24.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	22987.7|		53.2|		0.0|		38477.3|		1.1|
| 12- 1|	4692.1|		-880.2|		0.0|		8249.7|		11.3|
| 8- 2|	3966.5|		74.1|		0.0|		7106.4|		-1.3|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1731.3|		0.0|		0.0|		1731.3|
| 12- 1|si| 5|	Tz	|	275.1|		1.3|		0.0|		275.1|
| 8- 2|si| 9|	Ty	|	279.7|		0.0|		-3.2|		279.8|
----- PROGR. 48.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	22879.4|		26.3|		0.0|		38477.3|		1.1|
| 12- 1|	4897.1|		-1152.6|		0.0|		8249.7|		11.3|
| 8- 2|	4281.7|		105.7|		0.0|		7106.4|		-1.3|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1729.6|		0.0|		0.0|		1729.6|
| 12- 1|si| 5|	Tz	|	271.5|		1.1|		0.0|		271.5|
| 8- 2|si| 9|	Ty	|	279.8|		0.0|		-2.0|		279.8|
----- PROGR. 72.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	22620.7|		-0.5|		0.0|		38477.3|		1.1|
| 12- 1|	4986.6|		-1425.0|		0.0|		8249.7|		11.3|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 3|Sx	Si	|	1726.5|		0.0|		0.0|		1726.5|

Copertura area carburante - Relazione di calcolo

| 12- 1|si| 5|	Tz	|	268.9|	0.9|	0.0|	268.9|		
| 6- 1|si| 9|	Ty	|	1514.2|	0.0|	2.7|	1514.3|		
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	22211.8|	|	-27.4|	|	0.0|	|	38477.3| 1.1| -20.1|	
| 12-16|	5009.2|	|	1725.4|	|	0.0|	|	8550.0| -10.9| -4.3|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1723.3|	|	0.0|	|	0.0| 1723.3|	
| 12-16|si| 5|	Tz	|	300.3|	|	-1.0|	|	0.0| 300.3|	
| 6- 1|si| 9|	Ty	|	1514.2|	|	0.0|	|	4.0| 1514.2|	
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	21652.7|	|	-54.3|	|	0.0|	|	38477.3| 1.1| -26.3|	
| 12-16|	4847.8|	|	1989.6|	|	0.0|	|	8550.0| -10.9| -9.1|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1718.8|	|	0.0|	|	0.0| 1718.8|	
| 12-16|si| 5|	Tz	|	303.5|	|	-1.2|	|	0.0| 303.5|	
| 6- 1|si| 9|	Ty	|	1514.2|	|	0.0|	|	5.2| 1514.2|	
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	20943.2|	|	-81.2|	|	0.0|	|	38477.3| 1.1| -32.5|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1712.8|	|	0.0|	|	0.0| 1712.8|	
| 6- 1|si| 6|	Tz	|	1318.3|	|	1.4|	|	0.0| 1318.3|	
| 6- 1|si| 9|	Ty	|	1514.2|	|	0.0|	|	6.4| 1514.2|	
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	20083.5|	|	-108.0|	|	0.0|	|	38477.3| 1.1| -38.7|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1705.5|	|	0.0|	|	0.0| 1705.5|	
| 6- 1|si| 6|	Tz	|	1326.5|	|	1.6|	|	0.0| 1326.5|	
| 6- 1|si| 9|	Ty	|	1514.1|	|	0.0|	|	7.6| 1514.2|	
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	19073.5|	|	-134.9|	|	0.0|	|	38477.3| 1.1| -45.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1696.7|	|	0.0|	|	0.0| 1696.7|	
| 6- 1|si| 6|	Tz	|	1336.2|	|	1.9|	|	0.0| 1336.2|	
| 6- 1|si| 9|	Ty	|	1514.1|	|	0.0|	|	8.9| 1514.2|	
-----							PROGR.	193.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEA120_S011 (11)	stato limite ultimo - ASTA (687- 689)						1118	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	19073.5|	|	-134.9|	|	0.0|	|	37166.5| -1.0| 41.5|	
| 12-11|	3674.5|	|	2750.3|	|	0.0|	|	8502.7| 29.3| 22.8|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1645.1|	|	0.0|	|	0.0| 1645.1|	
| 12-11|si| 5|	Tz	|	317.4|	|	3.1|	|	0.0| 317.5|	
| 6- 1|si| 9|	Ty	|	1462.5|	|	0.0|	|	-8.2| 1462.6|	
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	19998.4|	|	-111.7|	|	0.0|	|	37166.5| -1.0| 35.2|	
| 12-11|	4165.8|	|	2042.9|	|	0.0|	|	8502.7| 29.3| 18.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1653.2|	|	0.0|	|	0.0| 1653.2|	
| 12-11|si| 5|	Tz	|	308.4|	|	2.9|	|	0.0| 308.4|	
| 6- 1|si| 9|	Ty	|	1462.5|	|	0.0|	|	-6.9| 1462.6|	
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	20773.1|	|	-88.4|	|	0.0|	|	37166.5| -1.0| 29.0|	
| 12-11|	4541.6|	|	1335.4|	|	0.0|	|	8502.7| 29.3| 13.2|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1659.8|	|	0.0|	|	0.0| 1659.8|	
| 12-11|si| 5|	Tz	|	300.4|	|	2.7|	|	0.0| 300.4|	
| 6- 1|si| 9|	Ty	|	1462.6|	|	0.0|	|	-5.7| 1462.6|	
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	21397.4|	|	-65.2|	|	0.0|	|	37166.5| -1.0| 22.8|	
| 12-11|	4801.8|	|	627.9|	|	0.0|	|	8502.7| 29.3| 8.4|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |	
| 6- 1|si| 3|Sx	Si	|	1665.1|	|	0.0|	|	0.0| 1665.1|	
| 12-11|si| 5|	Tz	|	293.5|	|	2.5|	|	0.0| 293.6|	
| 6- 1|si| 9|	Ty	|	1462.6|	|	0.0|	|	-4.5| 1462.6|	
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |	
| 6- 1|	21871.5|	|	-41.9|	|	0.0|	|	37166.5| -1.0| 16.5|	
| 12-11|	4946.4|	|	-79.6|	|	0.0|	|	8502.7| 29.3| 3.6|	
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 3	Sx	Si	1668.9	0.0	0.0	1668.9
12-11	|si| 5	Tz		287.7	2.3	0.0	287.7
6- 1	|si| 9	Ty		1462.6	0.0	-3.3	1462.6

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22195.3	-18.6	0.0	37166.5	-1.0	10.3
12- 6	4886.7	796.2	0.0	7750.2	-29.4	-2.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 3	Sx	Si	1671.4	0.0	0.0	1671.4
12- 6	|si| 5	Tz		264.2	-2.2	0.0	264.2
6- 1	|si| 9	Ty		1462.6	0.0	-2.0	1462.6

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22368.9	4.6	0.0	37166.5	-1.0	4.1
12- 6	4778.2	1506.6	0.0	7750.2	-29.4	-6.9
8- 2	4154.1	160.3	0.0	6798.5	0.9	-10.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx	Si	1672.6	0.0	0.0	1672.6
12- 6	|si| 5	Tz		269.6	-2.4	0.0	269.7
8- 2	|si| 9	Ty		267.7	0.0	2.1	267.7

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22392.2	27.9	0.0	37166.5	-1.0	-2.1
12- 6	4554.1	2216.9	0.0	7750.2	-29.4	-11.7
8- 2	3817.7	137.7	0.0	6798.5	0.9	-17.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx	Si	1673.4	0.0	0.0	1673.4
12- 6	|si| 5	Tz		276.2	-2.6	0.0	276.2
8- 2	|si| 9	Ty		267.7	0.0	3.4	267.8

PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22265.2	51.1	0.0	37166.5	-1.0	-8.4
12- 6	4214.4	2927.3	0.0	7750.2	-29.4	-16.5
8- 2	3331.0	115.1	0.0	6798.5	0.9	-23.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx	Si	1672.9	0.0	0.0	1672.9
12- 6	|si| 5	Tz		283.8	-2.8	0.0	283.9
8- 2	si 9	Ty		267.7	0.0	4.6	267.8

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22265.2	51.1	0.0	27934.1	-1.0	9.1
12-11	4368.8	-2909.5	0.0	6699.5	28.6	18.5
7- 2	3543.4	-14.6	0.0	5819.8	0.0	24.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx	Si	1309.5	0.0	0.0	1309.5
12-11	|si| 5	Tz		204.4	2.8	0.0	204.5
7- 2	|si| 9	Ty		229.0	0.0	-4.9	229.2

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22409.5	74.4	0.0	27934.1	-1.0	2.9
12-11	4756.9	-3599.7	0.0	6699.5	28.6	13.7
7- 2	4067.5	-14.9	0.0	5819.8	0.0	18.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx	Si	1311.5	0.0	0.0	1311.5
12-11	|si| 5	Tz		196.4	2.6	0.0	196.5
7- 2	|si| 9	Ty		229.0	0.0	-3.7	229.1

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22403.6	97.6	0.0	27934.1	-1.0	-3.4
12-11	5029.4	-4289.9	0.0	6699.5	28.6	8.9
7- 2	4441.4	-15.1	0.0	5819.8	0.0	12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx	Si	1312.0	0.0	0.0	1312.0
12-11	|si| 5	Tz		189.5	2.5	0.0	189.6
7- 2	|si| 9	Ty		229.0	0.0	-2.4	229.1

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22247.4	120.9	0.0	27934.1	-1.0	-9.6
12-11	5186.3	-4980.1	0.0	6699.5	28.6	4.1
5- 1	22109.4	158.5	0.0	27477.8	-0.4	-9.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx	Si	1311.2	0.0	0.0	1311.2
12-11	|si| 5	Tz		183.7	2.3	0.0	183.8
5- 1	|si| 9	Ty		1081.5	0.0	1.9	1081.5

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	21940.9	144.1	0.0	27934.1	-1.0	-15.8

Copertura area carburante - Relazione di calcolo

| 12- 6|	4861.8|	5699.6|	0.0|	5672.5|	-28.7|	-2.9|
| 5- 1|	21799.4|	168.4|	0.0|	27477.8|	-0.4|	-16.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si |	1308.9|	0.0|	0.0|	1308.9|
| 12- 6|si| 5| Tz |	213.4|	-2.2|	0.0|	213.5|
| 5- 1|si| 9| Ty |	1081.6|	0.0|	3.1|	1081.6|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	21484.1|	167.4|	0.0|	27934.1|	-1.0|	-22.0|
| 12- 6|	4734.7|	6392.7|	0.0|	5672.5|	-28.7|	-7.7|
| 5- 1|	21339.1|	178.2|	0.0|	27477.8|	-0.4|	-22.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si |	1305.2|	0.0|	0.0|	1305.2|
| 12- 6|si| 5| Tz |	219.0|	-2.4|	0.0|	219.0|
| 5- 1|si| 9| Ty |	1081.6|	0.0|	4.4|	1081.6|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	20877.1|	190.7|	0.0|	27934.1|	-1.0|	-28.3|
| 12- 6|	4491.9|	7085.8|	0.0|	5672.5|	-28.7|	-12.5|
| 5- 1|	20728.6|	188.0|	0.0|	27477.8|	-0.4|	-28.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si |	1300.1|	0.0|	0.0|	1300.1|
| 12- 6|si| 5| Tz |	225.6|	-2.6|	0.0|	225.6|
| 5- 1|si| 9| Ty |	1081.6|	0.0|	5.6|	1081.6|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	20119.8|	213.9|	0.0|	27934.1|	-1.0|	-34.5|
| 12- 6|	4133.6|	7778.8|	0.0|	5672.5|	-28.7|	-17.2|
| 5- 1|	19967.8|	197.9|	0.0|	27477.8|	-0.4|	-34.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si |	1293.6|	0.0|	0.0|	1293.6|
| 12- 6|si| 5| Tz |	233.3|	-2.8|	0.0|	233.4|
| 5- 1|si| 9| Ty |	1081.6|	0.0|	6.8|	1081.6|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	19212.3|	237.2|	0.0|	27934.1|	-1.0|	-40.7|
| 12- 6|	3659.7|	8471.9|	0.0|	5672.5|	-28.7|	-22.0|
| 5- 1|	19056.7|	207.7|	0.0|	27477.8|	-0.4|	-40.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si |	1285.7|	0.0|	0.0|	1285.7|
| 12- 6|si| 5| Tz |	242.1|	-3.0|	0.0|	242.2|
| 5- 1|si| 9| Ty |	1081.6|	0.0|	8.1|	1081.7|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (691- 693) 1122
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19056.7|	207.7|	0.0|	19344.6|	0.5|	-13.9|
| 12- 2|	3683.3|	7897.7|	0.0|	4217.6|	120.6|	9.4|
| 6- 1|	19212.3|	237.2|	0.0|	19193.9|	0.6|	-14.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx |Si |	945.5|	0.0|	0.0|	945.5|
| 12- 2|si| 5| Tz |	181.0|	9.2|	0.0|	181.7|
| 6- 1|si| 9| Ty |	755.6|	0.0|	2.9|	755.6|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18646.9|	194.8|	0.0|	19344.6|	0.5|	-20.1|
| 12- 2|	3852.4|	4987.0|	0.0|	4217.6|	120.6|	4.6|
| 6- 1|	18777.7|	222.3|	0.0|	19193.9|	0.6|	-21.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx |Si |	941.3|	0.0|	0.0|	941.3|
| 12- 2|si| 5| Tz |	161.2|	9.0|	0.0|	161.9|
| 6- 1|si| 9| Ty |	755.6|	0.0|	4.2|	755.6|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18086.9|	181.8|	0.0|	19344.6|	0.5|	-26.3|
| 12-15|	4333.9|	-2040.7|	0.0|	4083.8|	-120.5|	-2.3|
| 6- 1|	18192.9|	207.5|	0.0|	19193.9|	0.6|	-27.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx |Si |	935.7|	0.0|	0.0|	935.7|
| 12-15|si| 5| Tz |	107.2|	-8.9|	0.0|	108.4|
| 6- 1|si| 9| Ty |	755.6|	0.0|	5.4|	755.6|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	17376.7|	168.8|	0.0|	19344.6|	0.5|	-32.6|
| 12-15|	4220.8|	867.4|	0.0|	4083.8|	-120.5|	-7.1|
| 6- 1|	17457.8|	192.7|	0.0|	19193.9|	0.6|	-33.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx |Si |	928.7|	0.0|	0.0|	928.7|
| 12-15|si| 5| Tz |	126.6|	-9.1|	0.0|	127.6|
| 6- 1|si| 9| Ty |	755.6|	0.0|	6.6|	755.7|

Copertura area carburante - Relazione di calcolo

----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	16516.1	155.8	0.0	19344.6	0.5	-38.8
12-15	3992.2	3775.5	0.0	4083.8	-120.5	-11.9
6- 1	16572.5	177.9	0.0	19193.9	0.6	-39.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	920.3	0.0	0.0	920.3
12-15	si	5	Tz	147.0	-9.3	0.0	147.9	
6- 1	si	9	Ty	755.6	0.0	7.9	755.7	

----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	15505.3	142.8	0.0	19344.6	0.5	-45.0
12-15	3648.0	6683.7	0.0	4083.8	-120.5	-16.7
6- 1	15536.8	163.1	0.0	19193.9	0.6	-46.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	910.5	0.0	0.0	910.5
12-15	si	5	Tz	168.5	-9.5	0.0	169.3	
6- 1	si	9	Ty	755.5	0.0	9.1	755.7	

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	14344.3	129.8	0.0	19344.6	0.5	-51.2
12-15	3188.2	9591.8	0.0	4083.8	-120.5	-21.5
6- 1	14350.9	148.2	0.0	19193.9	0.6	-52.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	899.2	0.0	0.0	899.2
12-15	si	5	Tz	191.0	-9.7	0.0	191.8	
6- 1	si	9	Ty	755.5	0.0	10.3	755.7	

----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	13032.9	116.9	0.0	19344.6	0.5	-57.5
12-15	2612.8	12499.9	0.0	4083.8	-120.5	-26.2
6- 1	13014.8	133.4	0.0	19193.9	0.6	-58.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	886.6	0.0	0.0	886.6
12-15	si	5	Tz	214.7	-9.9	0.0	215.4	
6- 1	si	9	Ty	755.5	0.0	11.5	755.8	

----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	11571.3	103.9	0.0	19344.6	0.5	-63.7
12-15	1921.8	15408.0	0.0	4083.8	-120.5	-31.0
6- 1	11528.3	118.6	0.0	19193.9	0.6	-64.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	872.5	0.0	0.0	872.5
12-15	si	5	Tz	239.4	-10.1	0.0	240.1	
6- 1	si	9	Ty	755.5	0.0	12.8	755.8	

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (662- 682) 1154

----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-3929.9	-0.8	76.7
5- 1	0.0	0.0	0.0	-3595.7	-0.5	77.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-154.7	0.0	0.0	154.7
5- 1	si	6	Tz	-141.5	-3.1	0.0	141.6	
5- 1	si	9	Ty	-141.5	0.0	-15.2	143.9	
6- 1	si	9	Si	-154.7	0.0	-15.1	156.9	

----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	1775.2	18.4	0.0	-3929.9	-0.8	70.5
5- 1	1789.0	11.5	0.0	-3595.7	-0.5	71.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-171.8	0.0	0.0	171.8
5- 1	si	6	Tz	-158.4	-2.9	0.0	158.4	
5- 1	si	9	Ty	-141.5	0.0	-14.0	143.6	

----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	3400.2	36.9	0.0	-3929.9	-0.8	64.2
5- 1	3427.8	23.0	0.0	-3595.7	-0.5	64.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-187.5	0.0	0.0	187.5
5- 1	si	6	Tz	-173.8	-2.6	0.0	173.9	
5- 1	si	9	Ty	-141.5	0.0	-12.8	143.2	

----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	4874.9	55.3	0.0	-3929.9	-0.8	58.0
5- 1	4916.3	34.4	0.0	-3595.7	-0.5	58.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-201.8	0.0	0.0	201.8
5- 1	si	6	Tz	-187.8	-2.4	0.0	187.9	

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9| Ty | -141.5| 0.0| -11.6| 142.9|
----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	6199.4|	73.8|	0.0|	-3929.9|	-0.8|	51.8|
| 5- 1|	6254.5|	45.9|	0.0|	-3595.7|	-0.5|	52.4|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si	-214.7|	0.0|	0.0|	214.7|
| 5- 1|si| 6| Tz		-200.5|	-2.1|	0.0|	200.5|
| 5- 1|si| 9| Ty		-141.5|	0.0|	-10.3|	142.6|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	7373.5|	92.2|	0.0|	-3929.9|	-0.8|	45.6|
| 5- 1|	7442.4|	57.4|	0.0|	-3595.7|	-0.5|	46.1|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si	-226.2|	0.0|	0.0|	226.2|
| 5- 1|si| 6| Tz		-211.7|	-1.9|	0.0|	211.7|
| 5- 1|si| 9| Ty		-141.4|	0.0|	-9.1|	142.3|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	8397.4|	110.7|	0.0|	-3929.9|	-0.8|	39.3|
| 5- 1|	8480.1|	68.9|	0.0|	-3595.7|	-0.5|	39.9|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si	-236.3|	0.0|	0.0|	236.3|
| 5- 1|si| 6| Tz		-221.5|	-1.6|	0.0|	221.5|
| 5- 1|si| 9| Ty		-141.4|	0.0|	-7.9|	142.1|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	9271.1|	129.1|	0.0|	-3929.9|	-0.8|	33.1|
| 5- 1|	9367.5|	80.3|	0.0|	-3595.7|	-0.5|	33.7|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si	-245.0|	0.0|	0.0|	245.0|
| 5- 1|si| 6| Tz		-229.9|	-1.4|	0.0|	229.9|
| 5- 1|si| 9| Ty		-141.4|	0.0|	-6.6|	141.9|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	9994.4|	147.5|	0.0|	-3929.9|	-0.8|	26.9|
| 5- 1|	10104.6|	91.8|	0.0|	-3595.7|	-0.5|	27.4|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si	-252.2|	0.0|	0.0|	252.2|
| 5- 1|si| 6| Tz		-236.9|	-1.1|	0.0|	236.9|
| 5- 1|si| 9| Ty		-141.4|	0.0|	-5.4|	141.7|

VERIFICA STABILITA` :

|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -3929.9|Mzeq = 7538.2|Myeq = 110.7|Ss = -295.0 (0.113)

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----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 1	1798.4	-15434.6	0.0	-529.0	-80.0	9.8
12- 3	1756.3	-15513.4	0.0	-229.3	-80.4	10.1
| 5- 1|	11571.3|	103.9|	0.0|	-1434.9|	0.5|	-35.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 12- 1|si| 1|Sx	Si	-438.7|	0.0|	0.0|	438.7|
| 12- 3|si| 6| Tz		71.9|	-6.3|	0.0|	72.7|
| 5- 1|si| 9| Ty		-56.4|	0.0|	6.9|	57.6|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 12- 1|	1978.2|	-13505.3|	0.0|	-529.0|	-80.0|	5.1|
| 12- 3|	1941.3|	-13574.2|	0.0|	-229.3|	-80.4|	5.3|
| 5- 1|	10650.8|	90.9|	0.0|	-1434.9|	0.5|	-41.3|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 12- 1|si| 1|Sx	Si	-390.3|	0.0|	0.0|	390.3|
| 12- 3|si| 6| Tz		58.0|	-6.1|	0.0|	59.0|
| 5- 1|si| 9| Ty		-56.4|	0.0|	8.1|	58.1|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 12- 1|	2042.4|	-11576.0|	0.0|	-529.0|	-80.0|	0.3|
| 12-14|	2167.4|	11650.3|	0.0|	-382.4|	80.5|	-0.6|
| 5- 1|	9580.1|	77.9|	0.0|	-1434.9|	0.5|	-47.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 12- 1|si| 1|Sx	Si	-340.7|	0.0|	0.0|	340.7|
| 12-14|si| 6| Tz		-108.5|	5.9|	0.0|	109.0|
| 5- 1|si| 9| Ty		-56.4|	0.0|	9.4|	58.7|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 12- 1|	1990.9|	-9646.6|	0.0|	-529.0|	-80.0|	-4.5|
12-14	2095.1	9708.6	0.0	-382.4	80.5	-5.4

Copertura area carburante - Relazione di calcolo

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| 5- 1|      8359.1|      64.9|      0.0| -1434.9|      0.5| -53.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 1|Sx |Si| -290.1| 0.0| 0.0| 290.1|
| 12-14|si| 6| Tz | -95.7| 6.1| 0.0| 96.2|
| 5- 1|si| 9| Ty | -56.4| 0.0| 10.6| 59.3|
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96.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| 1823.9| -7717.3| 0.0| -529.0| -80.0| -9.3|
| 12-14| 1907.3| 7766.9| 0.0| -382.4| 80.5| -10.2|
| 5- 1| 6987.8| 51.9| 0.0| -1434.9| 0.5| -60.0|

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 1|Sx |Si| -238.4| 0.0| 0.0| 238.4|
| 12-14|si| 6| Tz | -81.7| 6.3| 0.0| 82.4|
| 5- 1|si| 9| Ty | -56.4| 0.0| 11.8| 60.0|
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121.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| 1541.3| -5788.0| 0.0| -529.0| -80.0| -14.1|
| 12-14| 1603.8| 5825.2| 0.0| -382.4| 80.5| -15.0|
| 5- 1| 5466.2| 39.0| 0.0| -1434.9| 0.5| -66.2|

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 1|Sx |Si| -185.7| 0.0| 0.0| 185.7|
| 12-14|si| 6| Tz | -66.7| 6.5| 0.0| 67.6|
| 5- 1|si| 9| Ty | -56.4| 0.0| 13.1| 60.8|
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145.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| 1143.2| -3858.7| 0.0| -529.0| -80.0| -18.9|
| 12-14| 1184.8| 3883.4| 0.0| -382.4| 80.5| -19.8|
| 5- 1| 3794.4| 26.0| 0.0| -1434.9| 0.5| -72.4|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 1|Sx |Si| -131.8| 0.0| 0.0| 131.8|
| 12-14|si| 6| Tz | -50.5| 6.7| 0.0| 51.9|
| 5- 1|si| 9| Ty | -56.4| 0.0| 14.3| 61.6|
-----

```

169.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 9| 644.6| 1848.1| 0.0| -624.0| 76.6| -24.3|
| 12-14| 650.2| 1941.7| 0.0| -382.4| 80.5| -24.6|
| 5- 1| 1972.4| 13.0| 0.0| -1434.9| 0.5| -78.6|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 9|si| 2|Sx |Si| -78.6| 0.0| 0.0| 78.6|
| 12-14|si| 6| Tz | -33.3| 6.9| 0.0| 35.4|
| 5- 1|si| 9| Ty | -56.5| 0.0| 15.5| 62.5|
-----

```

193.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1481.7| 0.6| -84.6|
| 12-14| 0.0| 0.0| 0.0| -382.4| 80.5| -29.3|
| 5- 1| 0.0| 0.0| 0.0| -1434.9| 0.5| -84.9|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -58.3| 0.0| 0.0| 58.3|
| 12-14|si| 6| Tz | -15.1| 7.1| 0.0| 19.4|
| 5- 1|si| 9| Ty | -56.5| 0.0| 16.7| 63.5|
| 6- 1|si| 9| Si | -58.3| 0.0| 16.7| 65.1|
-----

```

VERIFICA STABILITA` :

```

|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso12- 1 - Nodo 1 - Asse Y
Ned = -529.0|Mzeq = 1970.4|Myeq = -11576.0|Ss = -350.2 ( 0.134)

```

```

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 726- 727) 1186
-----

```

0.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 9950.8| -452.2| 0.0| 16270.4| 2.3| 67.1|
| 5- 1| 9908.0| -503.9| 0.0| 16183.3| 2.6| 68.2|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 745.4| 0.0| 0.0| 745.4|
| 5- 1|si| 5| Tz | 540.8| 2.9| 0.0| 540.8|
| 5- 1|si| 9| Ty | 636.3| 0.0| -13.4| 636.8|
-----

```

24.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 11495.2| -508.7| 0.0| 16270.4| 2.3| 60.9|
| 5- 1| 11477.5| -566.8| 0.0| 16183.3| 2.6| 61.9|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 761.4| 0.0| 0.0| 761.4|
| 5- 1|si| 5| Tz | 525.7| 2.6| 0.0| 525.7|
| 5- 1|si| 9| Ty | 636.3| 0.0| -12.2| 636.6|
-----

```

48.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 12889.4| -565.2| 0.0| 16270.4| 2.3| 54.7|
| 5- 1| 12896.8| -629.8| 0.0| 16183.3| 2.6| 55.7|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 3|Sx	Si	775.9|	0.0|	0.0|	775.9|
| 5- 1|si| 5| Tz		512.0|	2.4|	0.0|	512.0|
| 5- 1|si| 9| Ty		636.2|	0.0|	-11.0|	636.5|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	14133.3|	-621.7|	0.0|	16270.4|	2.3|	48.4|
| 5- 1|	14165.8|	-692.8|	0.0|	16183.3|	2.6|	49.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	789.0|	0.0|	0.0|	789.0|
| 5- 1|si| 5| Tz		499.7|	2.2|	0.0|	499.7|
| 5- 1|si| 9| Ty		636.1|	0.0|	-9.8|	636.4|

PROGR.

96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	15226.9|	-678.2|	0.0|	16270.4|	2.3|	42.2|
| 5- 1|	15284.6|	-755.8|	0.0|	16183.3|	2.6|	43.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	800.8|	0.0|	0.0|	800.8|
| 5- 1|si| 5| Tz		488.8|	1.9|	0.0|	488.8|
| 5- 1|si| 9| Ty		636.1|	0.0|	-8.5|	636.2|

PROGR.

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	16170.2|	-734.8|	0.0|	16270.4|	2.3|	36.0|
| 5- 1|	16253.0|	-818.8|	0.0|	16183.3|	2.6|	37.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	811.1|	0.0|	0.0|	811.1|
| 5- 1|si| 5| Tz		479.3|	1.7|	0.0|	479.3|
| 5- 1|si| 9| Ty		636.0|	0.0|	-7.3|	636.1|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	16963.3|	-791.3|	0.0|	16270.4|	2.3|	29.8|
| 5- 1|	17071.2|	-881.8|	0.0|	16183.3|	2.6|	30.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	820.0|	0.0|	0.0|	820.0|
| 5- 1|si| 5| Tz		471.2|	1.4|	0.0|	471.2|
| 5- 1|si| 9| Ty		635.9|	0.0|	-6.1|	636.0|

PROGR.

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	17739.2|	-944.7|	0.0|	16183.3|	2.6|	24.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	827.8|	0.0|	0.0|	827.8|
| 5- 1|si| 5| Tz		464.5|	1.2|	0.0|	464.6|
| 5- 1|si| 9| Ty		635.9|	0.0|	-4.8|	635.9|

PROGR.

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	18256.9|	-1007.7|	0.0|	16183.3|	2.6|	18.3|
| 12-12|	3393.8|	-3602.7|	0.0|	3521.5|	10.4|	-8.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	834.3|	0.0|	0.0|	834.3|
| 12-12|si| 6| Tz		129.4|	1.1|	0.0|	129.4|
| 5- 1|si| 9| Ty		635.8|	0.0|	-3.6|	635.8|

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (727- 732) 1189
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	18256.9|	-1007.7|	0.0|	27353.2|	-5.8|	40.7|
| 12-16|	3346.5|	-4068.4|	0.0|	5310.7|	-59.9|	22.4|
| 6- 1|	18098.6|	-904.3|	0.0|	26835.2|	-5.0|	40.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1273.9|	0.0|	0.0|	1273.9|
| 12-16|si| 6| Tz		203.2|	-5.3|	0.0|	203.4|
| 6- 1|si| 9| Ty		1055.1|	0.0|	-8.0|	1055.2|

PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	19164.6|	-867.9|	0.0|	27353.2|	-5.8|	34.5|
| 12-16|	3829.8|	-2624.1|	0.0|	5310.7|	-59.9|	17.6|
| 6- 1|	19007.1|	-782.6|	0.0|	26835.2|	-5.0|	34.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1278.8|	0.0|	0.0|	1278.8|
| 12-16|si| 6| Tz		189.6|	-5.1|	0.0|	189.8|
| 6- 1|si| 9| Ty		1055.2|	0.0|	-6.8|	1055.3|

PROGR.

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	19922.1|	-728.2|	0.0|	27353.2|	-5.8|	28.3|
| 12-16|	4197.4|	-1179.9|	0.0|	5310.7|	-59.9|	12.8|
| 6- 1|	19765.4|	-660.9|	0.0|	26835.2|	-5.0|	28.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1282.3|	0.0|	0.0|	1282.3|
| 12-16|si| 6| Tz		177.0|	-4.9|	0.0|	177.2|
| 6- 1|si| 9| Ty		1055.4|	0.0|	-5.6|	1055.4|

Copertura area carburante - Relazione di calcolo

-----										PROGR.	72.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	20529.3	-588.4	0.0	27353.2	-5.8	22.1					
| 12-16 |	4449.5	264.4	0.0	5310.7	-59.9	8.1					
| 6- 1 |	20373.4	-539.2	0.0	26835.2	-5.0	22.1					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	3	Sx	Si	1284.3	0.0	0.0	1284.3			
| 12-16 |	si	6	Tz	165.6	-4.7	0.0	165.8				
| 6- 1 |	si	9	Ty	1055.5	0.0	-4.4	1055.5				
-----										PROGR.	96.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	20986.2	-448.6	0.0	27353.2	-5.8	15.8					
| 12-16 |	4586.0	1708.7	0.0	5310.7	-59.9	3.3					
| 6- 1 |	20831.1	-417.5	0.0	26835.2	-5.0	15.9					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	3	Sx	Si	1285.0	0.0	0.0	1285.0			
| 12-16 |	si	6	Tz	155.3	-4.5	0.0	155.5				
| 6- 1 |	si	9	Ty	1055.6	0.0	-3.1	1055.6				
-----										PROGR.	121.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21292.9	-308.8	0.0	27353.2	-5.8	9.6					
| 12-14 |	4824.1	3145.3	0.0	6249.4	-59.9	-1.7					
| 6- 1 |	21138.6	-295.8	0.0	26835.2	-5.0	9.6					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	3	Sx	Si	1284.2	0.0	0.0	1284.2			
| 12-14 |	si	5	Tz	220.4	-4.5	0.0	220.6				
| 6- 1 |	si	9	Ty	1055.8	0.0	-1.9	1055.8				
-----										PROGR.	145.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21449.3	-169.1	0.0	27353.2	-5.8	3.4					
| 12-14 |	4725.5	4591.3	0.0	6249.4	-59.9	-6.5					
| 8- 2 |	4080.1	-79.4	0.0	4969.1	-2.5	-11.4					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	3	Sx	Si	1282.1	0.0	0.0	1282.1			
| 12-14 |	si	5	Tz	230.4	-4.7	0.0	230.6				
| 8- 2 |	si	9	Ty	195.5	0.0	2.3	195.5				
-----										PROGR.	169.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21455.4	-29.3	0.0	27353.2	-5.8	-2.9					
| 12-14 |	4511.2	6037.3	0.0	6249.4	-59.9	-11.3					
| 8- 2 |	3729.5	-20.1	0.0	4969.1	-2.5	-17.6					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	3	Sx	Si	1278.5	0.0	0.0	1278.5			
| 12-14 |	si	5	Tz	241.5	-4.8	0.0	241.7				
| 8- 2 |	si	9	Ty	195.5	0.0	3.5	195.6				
-----										PROGR.	193.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21311.3	110.5	0.0	27353.2	-5.8	-9.1					
| 12-14 |	4181.4	7483.4	0.0	6249.4	-59.9	-16.1					
| 8- 2 |	3228.6	39.2	0.0	4969.1	-2.5	-23.9					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	4	Sx	Si	1279.3	0.0	0.0	1279.3			
| 12-14 |	si	5	Tz	253.7	-5.0	0.0	253.9				
| 8- 2 |	si	9	Ty	195.6	0.0	4.7	195.8				
-----										PROGR.	193.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.											
P_HEA120_S011 (11) stato limite ultimo - ASTA (732- 735)										1192	
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21311.3	110.5	0.0	36020.0	-5.8	7.5					
| 12- 8 |	4043.9	-7838.7	0.0	7636.7	-57.3	16.7					
| 7- 2 |	2975.4	-29.3	0.0	5989.3	-1.2	24.4					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	4	Sx	Si	1620.3	0.0	0.0	1620.3			
| 12- 8 |	si	6	Tz	311.8	-4.9	0.0	311.9				
| 7- 2 |	si	9	Ty	235.7	0.0	-4.8	235.8				
-----										PROGR.	24.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21417.9	250.3	0.0	36020.0	-5.8	1.3					
| 12- 8 |	4390.2	-6457.1	0.0	7636.7	-57.3	12.0					
| 7- 2 |	3489.9	-0.1	0.0	5989.3	-1.2	18.2					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	4	Sx	Si	1625.0	0.0	0.0	1625.0			
| 12- 8 |	si	6	Tz	299.9	-4.7	0.0	300.0				
| 7- 2 |	si	9	Ty	235.7	0.0	-3.6	235.8				
-----										PROGR.	48.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21374.2	390.0	0.0	36020.0	-5.8	-4.9					
| 12- 8 |	4620.9	-5075.4	0.0	7636.7	-57.3	7.2					
| 7- 2 |	3854.0	29.1	0.0	5989.3	-1.2	12.0					
TENSIONI (Sz= 0.00) :											

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	0.0	0.0	1628.2
12- 8	|si|	6	Tz		289.1	-4.5	0.0
7- 2	|si|	9	Ty		235.7	0.0	-2.4

72.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	21180.2	|	0.0	36020.0	-5.8
12- 8	|	4736.0	-3693.7	0.0	7636.7	-57.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1630.0	0.0	0.0
12- 8	|si|	6	Tz		279.3	-4.3	0.0
5- 1	|si|	9	Ty		1418.1	0.0	2.2

96.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	20836.0	669.6	0.0	36020.0	-5.8
12- 6	|	4798.7	-2307.6	0.0	8295.9	-57.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1630.4	0.0	0.0
12- 6	|si|	5	Tz		267.0	-4.4	0.0
5- 1	|si|	9	Ty		1418.3	0.0	3.4

121.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	20341.5	809.4	0.0	36020.0	-5.8
12- 6	|	4647.0	-924.2	0.0	8295.9	-57.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1629.4	0.0	0.0
12- 6	|si|	5	Tz		277.1	-4.6	0.0
5- 1	|si|	9	Ty		1418.4	0.0	4.7

145.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	19696.8	949.1	0.0	36020.0	-5.8
12- 6	|	4379.8	459.2	0.0	8295.9	-57.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1627.0	0.0	0.0
12- 6	|si|	5	Tz		288.3	-4.7	0.0
5- 1	|si|	9	Ty		1418.6	0.0	5.9

169.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	18901.8	1088.9	0.0	36020.0	-5.8
12- 6	|	3996.9	1842.6	0.0	8295.9	-57.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1623.1	0.0	0.0
12- 6	|si|	5	Tz		300.6	-4.9	0.0
5- 1	|si|	9	Ty		1418.7	0.0	7.1

193.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	17956.5	1228.7	0.0	36020.0	-5.8
12- 6	|	3498.5	3226.0	0.0	8295.9	-57.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1617.9	0.0	0.0
12- 6	|si|	5	Tz		313.9	-5.1	0.0
5- 1	|si|	9	Ty		1418.9	0.0	8.3

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (735- 738) 1195
----- PROGR. 0.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	17956.5	1228.7	0.0	37339.1	6.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1669.8	0.0	0.0
5- 1	|si|	5	Tz		1308.7	2.3	0.0
5- 1	|si|	9	Ty		1470.8	0.0	-9.0

24.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	18985.9	1063.2	0.0	37339.1	6.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1675.2	0.0	0.0
5- 1	|si|	5	Tz		1298.0	2.1	0.0
5- 1	|si|	9	Ty		1470.6	0.0	-7.8

48.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	19865.0	897.7	0.0	37339.1	6.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si|	4	Sx	Si	1679.1	0.0	0.0
5- 1	|si|	5	Tz		1288.7	1.8	0.0
5- 1	|si|	9	Ty		1470.4	0.0	-6.6

72.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	20593.9	732.2	0.0	37339.1	6.9

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1681.7	0.0	0.0	1681.7
5- 1	si	5	Tz	1280.9	1.6	0.0	1280.9	
5- 1	si	9	Ty	1470.2	0.0	-5.3	1470.3	
 ----- PROGR. 96.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 21172.4| 566.7| 0.0| 37339.1| 6.9| 20.9|

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1682.8	0.0	0.0	1682.8
5- 1	si	5	Tz	1274.4	1.3	0.0	1274.4	
5- 1	si	9	Ty	1470.1	0.0	-4.1	1470.1	
 ----- PROGR. 121.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 21600.7| 401.2| 0.0| 37339.1| 6.9| 14.6|

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1682.5	0.0	0.0	1682.5
5- 1	si	5	Tz	1269.3	1.1	0.0	1269.3	
5- 1	si	9	Ty	1469.9	0.0	-2.9	1469.9	
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	21878.8	235.7	0.0	37339.1	6.9	8.4
12- 3	4827.9	1478.5	0.0	8171.9	11.7	-5.8
7- 2	4118.4	4.6	0.0	6753.0	1.4	-10.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1680.8	0.0	0.0	1680.8
12- 3	si	6	Tz	267.0	1.1	0.0	267.0	
7- 2	si	9	Ty	265.8	0.0	2.0	265.8	
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22006.6	70.2	0.0	37339.1	6.9	2.2
12- 3	4630.1	1196.6	0.0	8171.9	11.7	-10.6
7- 2	3798.2	-28.7	0.0	6753.0	1.4	-16.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1677.7	0.0	0.0	1677.7
12- 3	si	6	Tz	270.7	1.3	0.0	270.7	
7- 2	si	9	Ty	265.7	0.0	3.2	265.8	
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	21984.1	-95.3	0.0	37339.1	6.9	-4.0
12- 3	4316.6	914.6	0.0	8171.9	11.7	-15.4
7- 2	3327.8	-61.9	0.0	6753.0	1.4	-22.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1678.2	0.0	0.0	1678.2
12- 3	si	6	Tz	275.4	1.5	0.0	275.4	
7- 2	si	9	Ty	265.7	0.0	4.5	265.8	

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (738- 741) 1198
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	21984.1	-95.3	0.0	30008.4	6.9	9.0
12- 3	4316.6	914.6	0.0	6710.5	11.0	16.4
7- 2	3327.8	-61.9	0.0	5619.9	1.4	24.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1389.7	0.0	0.0	1389.7
12- 3	si	5	Tz	229.3	1.5	0.0	229.4	
7- 2	si	9	Ty	221.1	0.0	-4.9	221.3	
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22125.5	-260.8	0.0	30008.4	6.9	2.7
12- 3	4654.8	649.9	0.0	6710.5	11.0	11.6
7- 2	3847.7	-95.2	0.0	5619.9	1.4	18.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1395.3	0.0	0.0	1395.3
12- 3	si	5	Tz	224.5	1.3	0.0	224.5	
7- 2	si	9	Ty	221.1	0.0	-3.6	221.2	
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22116.6	-426.3	0.0	30008.4	6.9	-3.5
12- 3	4877.4	385.2	0.0	6710.5	11.0	6.8
7- 2	4217.3	-128.5	0.0	5619.9	1.4	12.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1399.5	0.0	0.0	1399.5
12- 3	si	5	Tz	220.8	1.1	0.0	220.8	
7- 2	si	9	Ty	221.0	0.0	-2.4	221.1	
 ----- PROGR. 72.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 21957.5| -591.8| 0.0| 30008.4| 6.9| -9.7|

TENSIONI (Sz= 0.00) :
 | Caso | Ve|No|massimi | Sx | Tz | Ty | Si |

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 3|Sx	Si	1402.3|	0.0|	0.0|	1402.3|
| 5- 1|si| 6| Tz		978.7|	0.9|	0.0|	978.7|
| 5- 1|si| 9| Ty		1180.3|	0.0|	1.9|	1180.3|

PROGR.

96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	21648.1|	-757.3|	0.0|	30008.4|	6.9|	-15.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1403.7|	0.0|	0.0|	1403.7|
| 5- 1|si| 6| Tz		982.6|	1.1|	0.0|	982.6|
| 5- 1|si| 9| Ty		1180.1|	0.0|	3.1|	1180.2|

PROGR.

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	21188.5|	-922.8|	0.0|	30008.4|	6.9|	-22.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1403.7|	0.0|	0.0|	1403.7|
| 5- 1|si| 6| Tz		988.0|	1.4|	0.0|	988.0|
| 5- 1|si| 9| Ty		1180.0|	0.0|	4.4|	1180.0|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	20578.6|	-1088.3|	0.0|	30008.4|	6.9|	-28.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1402.3|	0.0|	0.0|	1402.3|
| 5- 1|si| 6| Tz		994.8|	1.6|	0.0|	994.8|
| 5- 1|si| 9| Ty		1179.8|	0.0|	5.6|	1179.8|

PROGR.

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	19818.4|	-1253.8|	0.0|	30008.4|	6.9|	-34.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1399.4|	0.0|	0.0|	1399.4|
| 5- 1|si| 6| Tz		1002.9|	1.9|	0.0|	1002.9|
| 5- 1|si| 9| Ty		1179.6|	0.0|	6.8|	1179.7|

PROGR.

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	18907.9|	-1419.3|	0.0|	30008.4|	6.9|	-40.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1395.2|	0.0|	0.0|	1395.2|
| 5- 1|si| 6| Tz		1012.5|	2.1|	0.0|	1012.5|
| 5- 1|si| 9| Ty		1179.4|	0.0|	8.1|	1179.5|

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11)	stato limite ultimo - ASTA (741- 744)	1201
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PROGR.

0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	18875.7	-1370.6	0.0	15823.0	-3.6	-21.1
| 5- 1|	18907.9|	-1419.3|	0.0|	15633.9|	-3.7|	-21.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	835.4|	0.0|	0.0|	835.4|
| 5- 1|si| 5| Tz		429.0|	-1.1|	0.0|	429.0|
| 5- 1|si| 9| Ty		613.7|	0.0|	4.3|	613.8|

PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	18291.7|	-1284.9|	0.0|	15823.0|	-3.6|	-27.3|
| 5- 1|	18306.8|	-1330.6|	0.0|	15633.9|	-3.7|	-28.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	827.7|	0.0|	0.0|	827.7|
| 5- 1|si| 5| Tz		435.2|	-1.4|	0.0|	435.2|
| 5- 1|si| 9| Ty		613.8|	0.0|	5.5|	613.9|

PROGR.

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	17557.4|	-1199.3|	0.0|	15823.0|	-3.6|	-33.6|
| 5- 1|	17555.3|	-1241.9|	0.0|	15633.9|	-3.7|	-34.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	818.6|	0.0|	0.0|	818.6|
| 5- 1|si| 5| Tz		442.8|	-1.6|	0.0|	442.8|
| 5- 1|si| 9| Ty		613.9|	0.0|	6.8|	614.0|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	16672.8|	-1113.6|	0.0|	15823.0|	-3.6|	-39.8|
| 5- 1|	16653.6|	-1153.2|	0.0|	15633.9|	-3.7|	-40.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	808.0|	0.0|	0.0|	808.0|
| 5- 1|si| 5| Tz		451.8|	-1.9|	0.0|	451.8|
| 5- 1|si| 9| Ty		614.0|	0.0|	8.0|	614.2|

PROGR.

96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	15638.0|	-1028.0|	0.0|	15823.0|	-3.6|	-46.0|
5- 1	15601.6	-1064.5	0.0	15633.9	-3.7	-46.7

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

6- 1 si 3 Sx	Si	796.1	0.0	0.0	796.1			
| 5- 1|si| 5| Tz		462.2|	-2.1|	0.0|	462.2|			
| 5- 1|si| 9| Ty		614.1|	0.0|	9.2|	614.3|			
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	14452.9|	-942.3|	0.0|	15823.0|	-3.6|	-52.2|		
| 5- 1|	14399.4|	-975.8|	0.0|	15633.9|	-3.7|	-52.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	782.8|	0.0|	0.0|	782.8|			
| 5- 1|si| 5| Tz		474.1|	-2.4|	0.0|	474.1|			
| 5- 1|si| 9| Ty		614.2|	0.0|	10.4|	614.5|			
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	13117.6|	-856.6|	0.0|	15823.0|	-3.6|	-58.5|		
| 5- 1|	13046.9|	-887.1|	0.0|	15633.9|	-3.7|	-59.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	768.0|	0.0|	0.0|	768.0|			
| 5- 1|si| 5| Tz		487.3|	-2.6|	0.0|	487.3|			
| 5- 1|si| 9| Ty		614.3|	0.0|	11.7|	614.6|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	11632.0|	-771.0|	0.0|	15823.0|	-3.6|	-64.7|		
| 5- 1|	11544.1|	-798.4|	0.0|	15633.9|	-3.7|	-65.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	751.8|	0.0|	0.0|	751.8|			
| 5- 1|si| 5| Tz		502.0|	-2.9|	0.0|	502.0|			
| 5- 1|si| 9| Ty		614.4|	0.0|	12.9|	614.8|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	9996.1|	-685.3|	0.0|	15823.0|	-3.6|	-70.9|		
| 5- 1|	9891.1|	-709.7|	0.0|	15633.9|	-3.7|	-71.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	734.3|	0.0|	0.0|	734.3|			
| 5- 1|si| 5| Tz		518.0|	-3.1|	0.0|	518.1|			
| 5- 1|si| 9| Ty		614.5|	0.0|	14.1|	615.0|			
-----							PROGR.	193.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (365- 374)						675	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	12168.2|	0.0|	9.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	1266.0|	0.0|	0.0|	1266.0|			
-----							PROGR.	27.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	219.6|	0.0|	0.0|	12167.1|	0.0|	7.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 7|Sx	Si	1280.0|	0.0|	0.0|	1280.0|			
-----							PROGR.	53.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	376.4|	0.0|	0.0|	12166.0|	0.0|	4.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 7|Sx	Si	1289.9|	0.0|	0.0|	1289.9|			
-----							PROGR.	80.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	470.6|	0.0|	0.0|	12164.9|	0.0|	2.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 7|Sx	Si	1295.8|	0.0|	0.0|	1295.8|			
-----							PROGR.	106.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	501.9|	0.0|	0.0|	12163.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 7|Sx	Si	1297.7|	0.0|	0.0|	1297.7|			
-----							PROGR.	133.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	470.6|	0.0|	0.0|	12162.8|	0.0|	-2.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 7|Sx	Si	1295.6|	0.0|	0.0|	1295.6|			
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	376.4|	0.0|	0.0|	12161.7|	0.0|	-4.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 7|Sx	Si	1289.4|	0.0|	0.0|	1289.4|			
-----							PROGR.	186.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		

Copertura area carburante - Relazione di calcolo

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| 6- 1|      219.6|      0.0|      0.0| 12160.6|      0.0|      -7.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1279.3|      0.0|      0.0| 1279.3|
-----
PROGR.      212.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| 12159.5|      0.0|      -9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx      Si| 1265.1|      0.0|      0.0| 1265.1|
-----
PROGR.

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VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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G_2L_50x5_d8 ( 15)      stato limite ultimo - ASTA ( 366- 375)      677
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PROGR.      0.

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| 7250.9|      0.0|      9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx      Si| 754.4|      0.0|      0.0| 754.4|
-----
PROGR.      27.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      219.6|      0.0|      0.0| 7249.8|      0.0|      7.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 768.3|      0.0|      0.0| 768.3|
-----
PROGR.      53.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      376.4|      0.0|      0.0| 7248.7|      0.0|      4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 778.3|      0.0|      0.0| 778.3|
-----
PROGR.      80.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      470.6|      0.0|      0.0| 7247.6|      0.0|      2.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 784.2|      0.0|      0.0| 784.2|
-----
PROGR.      106.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      501.9|      0.0|      0.0| 7246.5|      0.0|      0.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 786.1|      0.0|      0.0| 786.1|
-----
PROGR.      133.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      470.6|      0.0|      0.0| 7245.5|      0.0|      -2.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 12|Sx     Si| 784.0|      0.0|      0.0| 784.0|
-----
PROGR.      159.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      376.4|      0.0|      0.0| 7244.4|      0.0|      -4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 12|Sx     Si| 777.8|      0.0|      0.0| 777.8|
-----
PROGR.      186.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      219.6|      0.0|      0.0| 7243.3|      0.0|      -7.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 12|Sx     Si| 767.7|      0.0|      0.0| 767.7|
-----
PROGR.      212.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| 7242.2|      0.0|      -9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx      Si| 753.5|      0.0|      0.0| 753.5|
-----
PROGR.

```

VERIFICA STABILITA` :

```

|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b )=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b )=0.3400|ki=0.5722|
Caso11- 3 - Nodo 1 - Asse Z
Ned = -1153.4|Mzeq = 334.6|Myeq = 0.0|Ss = -459.5 ( 0.175)

```

```

G_2L_50x5_d8 ( 15)      stato limite ultimo - ASTA ( 367- 376)      679
-----
PROGR.      0.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-14|      0.0|      0.0|      0.0| 3353.6|      0.0|      7.3|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-14|si| 1|Sx      Si| 348.9|      0.0|      0.0| 348.9|
-----
PROGR.      27.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |

```

Copertura area carburante - Relazione di calcolo

| 11-14|	168.9|	0.0|	0.0|	3352.8|	0.0|	5.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-14|si| 7|Sx |	Si|	359.7|	0.0|	0.0|	359.7|	
-----						PROGR.
						53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	289.6|	0.0|	0.0|	3352.0|	0.0|	3.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-14|si| 7|Sx |	Si|	367.3|	0.0|	0.0|	367.3|	
-----						PROGR.
						80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	362.0|	0.0|	0.0|	3351.2|	0.0|	1.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-14|si| 7|Sx |	Si|	371.8|	0.0|	0.0|	371.8|	
-----						PROGR.
						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	386.1|	0.0|	0.0|	3350.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-14|si| 7|Sx |	Si|	373.3|	0.0|	0.0|	373.3|	
-----						PROGR.
						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	362.0|	0.0|	0.0|	3349.5|	0.0|	-1.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-14|si| 7|Sx |	Si|	371.7|	0.0|	0.0|	371.7|	
-----						PROGR.
						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	289.6|	0.0|	0.0|	3348.7|	0.0|	-3.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-14|si| 7|Sx |	Si|	366.9|	0.0|	0.0|	366.9|	
-----						PROGR.
						186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	168.9|	0.0|	0.0|	3347.8|	0.0|	-5.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-14|si| 7|Sx |	Si|	359.1|	0.0|	0.0|	359.1|	
-----						PROGR.
						212.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	0.0|	0.0|	0.0|	3347.0|	0.0|	-7.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 11-14|si| 1|Sx |	Si|	348.2|	0.0|	0.0|	348.2|	

VERIFICA STABILITA` :						
|L0 = 212. |						
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|						
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|						
Caso11- 3 - Nodo 1 - Asse Z						
Ned = -2191.9|Mzeq = 334.6|Myeq = 0.0|Ss = -825.6 (0.315)						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (376- 369)				681	
-----						PROGR.
						0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	0.0|	0.0|	0.0|	3882.5|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 1|Sx |	Si|	403.9|	0.0|	0.0|	403.9|	
-----						PROGR.
						27.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	219.6|	0.0|	0.0|	3883.6|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 7|Sx |	Si|	418.1|	0.0|	0.0|	418.1|	
-----						PROGR.
						53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	376.4|	0.0|	0.0|	3884.7|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 7|Sx |	Si|	428.3|	0.0|	0.0|	428.3|	
-----						PROGR.
						80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	470.6|	0.0|	0.0|	3885.8|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 7|Sx |	Si|	434.4|	0.0|	0.0|	434.4|	
-----						PROGR.
						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	501.9|	0.0|	0.0|	3886.8|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 7|Sx |	Si|	436.5|	0.0|	0.0|	436.5|	
-----						PROGR.
						133.

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 470.6 | 0.0 | 0.0 | 3887.9 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si | 434.6 | 0.0 | 0.0 | 434.6 |
-----
PROGR. 159.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 376.4 | 0.0 | 0.0 | 3889.0 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si | 428.7 | 0.0 | 0.0 | 428.7 |
-----
PROGR. 186.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 219.6 | 0.0 | 0.0 | 3890.1 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si | 418.8 | 0.0 | 0.0 | 418.8 |
-----
PROGR. 212.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | 3891.2 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 5|Sx | Si | 404.8 | 0.0 | 0.0 | 404.8 |
-----
PROGR. 212.

-----
VERIFICA STABILITA` :

|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Casoll-14 - Nodo 1 - Asse Z
Ned = -2172.1|Mzeq = 334.6|Myeq = 0.0|Ss = -818.6 ( 0.313)

G_2L_50x5_d8 ( 15) ----- stato limite ultimo - ASTA ( 377- 370) 683
-----
PROGR. 0.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 8201.4 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si | 853.3 | 0.0 | 0.0 | 853.3 |
-----
PROGR. 27.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 219.6 | 0.0 | 0.0 | 8202.4 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 867.5 | 0.0 | 0.0 | 867.5 |
-----
PROGR. 53.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 376.4 | 0.0 | 0.0 | 8203.5 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 877.6 | 0.0 | 0.0 | 877.6 |
-----
PROGR. 80.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 470.6 | 0.0 | 0.0 | 8204.6 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 883.8 | 0.0 | 0.0 | 883.8 |
-----
PROGR. 106.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 501.9 | 0.0 | 0.0 | 8205.7 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 885.9 | 0.0 | 0.0 | 885.9 |
-----
PROGR. 133.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 470.6 | 0.0 | 0.0 | 8206.8 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 884.0 | 0.0 | 0.0 | 884.0 |
-----
PROGR. 159.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 376.4 | 0.0 | 0.0 | 8207.8 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 878.1 | 0.0 | 0.0 | 878.1 |
-----
PROGR. 186.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 219.6 | 0.0 | 0.0 | 8208.9 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 868.1 | 0.0 | 0.0 | 868.1 |
-----
PROGR. 212.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 8210.0 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```


Copertura area carburante - Relazione di calcolo

| 5- 1|si| 3|Sx Si| 854.2| 0.0| 0.0| 854.2|

 VERIFICA STABILITA` :

|L0 = 212.1
 Z |Lc = 212.1|Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
 Y |Lc = 212.1|Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
 Caso11-14 - Nodo 1 - Asse Z
 Ned = -1141.1|Mzeq = 334.6|Myeq = 0.0|Ss = -455.2 (0.174)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (378- 371) 685

 PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 13121.5| 0.0| 9.5|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx Si| 1365.2| 0.0| 0.0| 1365.2|

 PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 13122.6| 0.0| 7.1|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 1379.4| 0.0| 0.0| 1379.4|

 PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 13123.7| 0.0| 4.7|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 1389.5| 0.0| 0.0| 1389.5|

 PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 470.6| 0.0| 0.0| 13124.8| 0.0| 2.4|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 1395.7| 0.0| 0.0| 1395.7|

 PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 501.9| 0.0| 0.0| 13125.9| 0.0| 0.0|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 1397.8| 0.0| 0.0| 1397.8|

 PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 470.6| 0.0| 0.0| 13126.9| 0.0| -2.4|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 1395.9| 0.0| 0.0| 1395.9|

 PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 13128.0| 0.0| -4.7|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 1390.0| 0.0| 0.0| 1390.0|

 PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 13129.1| 0.0| -7.1|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 1380.0| 0.0| 0.0| 1380.0|

 PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 13130.2| 0.0| -9.5|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 3|Sx Si| 1366.1| 0.0| 0.0| 1366.1|

 PROGR. 277.

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (364- 373) 687

 PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 17116.3| 0.0| 9.5|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx Si| 1780.8| 0.0| 0.0| 1780.8|

 PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 17115.2| 0.0| 7.1|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx Si| 1794.8| 0.0| 0.0| 1794.8|

 PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 376.4| 0.0| 0.0| 17114.1| 0.0| 4.7|
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 7|Sx	Si	1804.7|	0.0|	0.0|	1804.7|	80.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	17113.0|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1810.6|	0.0|	0.0|	1810.6|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	17111.9|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1812.5|	0.0|	0.0|	1812.5|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	17110.9|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1810.4|	0.0|	0.0|	1810.4|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	17109.8|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1804.3|	0.0|	0.0|	1804.3|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	17108.7|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1794.1|	0.0|	0.0|	1794.1|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	17107.6|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx	Si	1779.9|	0.0|	0.0|	1779.9|	
----- PROGR.						
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)		stato limite ultimo - ASTA (379- 372)				688
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	18122.1|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx	Si	1885.5|	0.0|	0.0|	1885.5|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	18123.2|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1899.6|	0.0|	0.0|	1899.6|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	18124.2|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1909.8|	0.0|	0.0|	1909.8|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	18125.3|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1915.9|	0.0|	0.0|	1915.9|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	18126.4|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1918.1|	0.0|	0.0|	1918.1|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	18127.5|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1916.2|	0.0|	0.0|	1916.2|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	18128.6|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1910.2|	0.0|	0.0|	1910.2|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |

Copertura area carburante - Relazione di calcolo

| 5- 1|	219.6|	0.0|	0.0|	18129.6|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 7|	Sx |	Si |	1900.3|	0.0|	0.0|
-----						PROGR.
						212.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	18130.7|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 3|	Sx |	Si |	1886.4|	0.0|	0.0|
-----						PROGR.
						1886.4|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (665- 683)	1126
-----		PROGR.
		0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	15223.7|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	Si |	1583.9|	0.0|	1583.9|
-----						PROGR.
						27.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	15222.7|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1597.9|	0.0|	1597.9|
-----						PROGR.
						53.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	15221.6|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1607.8|	0.0|	1607.8|
-----						PROGR.
						80.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	15220.5|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1613.7|	0.0|	1613.7|
-----						PROGR.
						106.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	15219.4|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1615.6|	0.0|	1615.6|
-----						PROGR.
						133.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	15218.4|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1613.5|	0.0|	1613.5|
-----						PROGR.
						159.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	15217.3|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1607.4|	0.0|	1607.4|
-----						PROGR.
						186.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	15216.2|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1597.2|	0.0|	1597.2|
-----						PROGR.
						212.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	15215.1|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	Si |	1583.0|	0.0|	1583.0|
-----						PROGR.
						1583.0|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (667- 685)	1130
-----		PROGR.
		0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	8688.7|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	Si |	904.0|	0.0|	904.0|
-----						PROGR.
						27.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	8687.6|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	917.9|	0.0|	917.9|
-----						PROGR.
						53.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	8686.6|	0.0|	4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|7|Sx |	Si |	927.9|	0.0|	0.0|	927.9|			
-----							PROGR.	80.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	470.6|	0.0|	0.0|	8685.5|	0.0|	2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|7|Sx |	Si |	933.8|	0.0|	0.0|	933.8|			
-----							PROGR.	106.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	501.9|	0.0|	0.0|	8684.4|	0.0|	0.0|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|7|Sx |	Si |	935.7|	0.0|	0.0|	935.7|			
-----							PROGR.	133.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	470.6|	0.0|	0.0|	8683.3|	0.0|	-2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|7|Sx |	Si |	933.6|	0.0|	0.0|	933.6|			
-----							PROGR.	159.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	8682.2|	0.0|	-4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|12|Sx |	Si |	927.4|	0.0|	0.0|	927.4|			
-----							PROGR.	186.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	219.6|	0.0|	0.0|	8681.2|	0.0|	-7.1|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|12|Sx |	Si |	917.3|	0.0|	0.0|	917.3|			
-----							PROGR.	212.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	8680.1|	0.0|	-9.5|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|1|Sx |	Si |	903.1|	0.0|	0.0|	903.1|			
-----							PROGR.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (669- 687)						1134	
-----							PROGR.	0.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	2678.2|	0.0|	9.5|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|1|Sx |	Si |	278.6|	0.0|	0.0|	278.6|			
-----							PROGR.	27.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	219.6|	0.0|	0.0|	2677.1|	0.0|	7.1|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|7|Sx |	Si |	292.6|	0.0|	0.0|	292.6|			
-----							PROGR.	53.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	2676.0|	0.0|	4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|7|Sx |	Si |	302.5|	0.0|	0.0|	302.5|			
-----							PROGR.	80.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	470.6|	0.0|	0.0|	2675.0|	0.0|	2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|12|Sx |	Si |	308.4|	0.0|	0.0|	308.4|			
-----							PROGR.	106.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	501.9|	0.0|	0.0|	2673.9|	0.0|	0.0|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|12|Sx |	Si |	310.3|	0.0|	0.0|	310.3|			
-----							PROGR.	133.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	470.6|	0.0|	0.0|	2672.8|	0.0|	-2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|12|Sx |	Si |	308.2|	0.0|	0.0|	308.2|			
-----							PROGR.	159.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	2671.7|	0.0|	-4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si|1|Sx |	Si |	903.1|	0.0|	0.0|	903.1|			

Copertura area carburante - Relazione di calcolo

| 6- 1|si|12|Sx	Si	302.1|	0.0|	0.0|	302.1|	186.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	2670.6|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si|12|Sx	Si	291.9|	0.0|	0.0|	291.9|	212.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	2669.6|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si|12|Sx	Si	277.7|	0.0|	0.0|	277.7|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (687- 673)	1138				
----- PROGR.		0.				
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	4222.3|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx	Si	439.3|	0.0|	0.0|	439.3|	27.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	4223.4|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	453.5|	0.0|	0.0|	453.5|	53.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	4224.5|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	463.6|	0.0|	0.0|	463.6|	80.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	4225.6|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	469.8|	0.0|	0.0|	469.8|	106.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	4226.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	471.9|	0.0|	0.0|	471.9|	133.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	4227.7|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	470.0|	0.0|	0.0|	470.0|	159.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	4228.8|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	464.1|	0.0|	0.0|	464.1|	186.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	4229.9|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	454.2|	0.0|	0.0|	454.2|	212.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	4231.0|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 3|Sx	Si	440.2|	0.0|	0.0|	440.2|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (689- 675)	1142				
----- PROGR.		0.				
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	10260.3|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx	Si	1067.5|	0.0|	0.0|	1067.5|	27.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	10261.3|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1081.7|	0.0|	0.0|	1081.7|	
-----						PROGR. 53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	10262.4|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1091.8|	0.0|	0.0|	1091.8|	
-----						PROGR. 80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	10263.5|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1098.0|	0.0|	0.0|	1098.0|	
-----						PROGR. 106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	10264.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1100.1|	0.0|	0.0|	1100.1|	
-----						PROGR. 133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	10265.6|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1098.2|	0.0|	0.0|	1098.2|	
-----						PROGR. 159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	10266.7|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1092.3|	0.0|	0.0|	1092.3|	
-----						PROGR. 186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	10267.8|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1082.4|	0.0|	0.0|	1082.4|	
-----						PROGR. 212.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	10268.9|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 3|Sx	Si| 1068.4|	0.0|	0.0|	1068.4|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (691- 677)					1146
-----						PROGR. 0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	16881.2|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 1|Sx	Si| 1756.4|	0.0|	0.0|	1756.4|	
-----						PROGR. 27.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	16882.3|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1770.5|	0.0|	0.0|	1770.5|	
-----						PROGR. 53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	16883.4|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1780.7|	0.0|	0.0|	1780.7|	
-----						PROGR. 80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	16884.5|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1786.8|	0.0|	0.0|	1786.8|	
-----						PROGR. 106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	16885.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1789.0|	0.0|	0.0|	1789.0|	
-----						PROGR. 133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	16886.6|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 7|Sx	Si| 1787.1|	0.0|	0.0|	1787.1|	
-----						PROGR. 159.
SOLLECITAZIONI :						

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY		
5-1	376.4	0.0	0.0	16887.7	0.0	-4.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	7	Sx	Si	1781.1	0.0	0.0	1781.1

PROGR.						186.		

Caso	MZ	MY	MT	N	TZ	TY		
5-1	219.6	0.0	0.0	16888.8	0.0	-7.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	7	Sx	Si	1771.2	0.0	0.0	1771.2

PROGR.						212.		

Caso	MZ	MY	MT	N	TZ	TY		
5-1	0.0	0.0	0.0	16889.9	0.0	-9.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	6	Sx	Si	1757.3	0.0	0.0	1757.3

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (663- 682)	1150
-----		0.
PROGR.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	21385.5	0.0	9.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	2225.0	0.0	0.0	2225.0

PROGR.						27.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	219.6	0.0	0.0	21384.5	0.0	7.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	7	Sx	Si	2239.0	0.0	0.0	2239.0

PROGR.						53.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	376.4	0.0	0.0	21383.4	0.0	4.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	7	Sx	Si	2248.9	0.0	0.0	2248.9

PROGR.						80.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	470.6	0.0	0.0	21382.3	0.0	2.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	7	Sx	Si	2254.8	0.0	0.0	2254.8

PROGR.						106.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	501.9	0.0	0.0	21381.2	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	7	Sx	Si	2256.7	0.0	0.0	2256.7

PROGR.						133.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	470.6	0.0	0.0	21380.1	0.0	-2.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	7	Sx	Si	2254.6	0.0	0.0	2254.6

PROGR.						159.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	376.4	0.0	0.0	21379.1	0.0	-4.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	7	Sx	Si	2248.4	0.0	0.0	2248.4

PROGR.						186.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	219.6	0.0	0.0	21378.0	0.0	-7.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	7	Sx	Si	2238.3	0.0	0.0	2238.3

PROGR.						212.		

Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	21376.9	0.0	-9.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	2224.1	0.0	0.0	2224.1

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (693- 679)	1152
-----		0.
PROGR.		

Caso	MZ	MY	MT	N	TZ	TY		
5-1	0.0	0.0	0.0	22833.4	0.0	9.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	Si	2375.6	0.0	0.0	2375.6

PROGR.						27.		

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	219.6 |	0.0 |	0.0 |	22834.4 |	0.0 |	7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |si | 7 |Sx	Si	2389.8 |	0.0 |	0.0 |	2389.8 |		
-----							53.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	376.4 |	0.0 |	0.0 |	22835.5 |	0.0 |	4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |si | 7 |Sx	Si	2400.0 |	0.0 |	0.0 |	2400.0 |		
-----							80.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	470.6 |	0.0 |	0.0 |	22836.6 |	0.0 |	2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |si | 7 |Sx	Si	2406.1 |	0.0 |	0.0 |	2406.1 |		
-----							106.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	501.9 |	0.0 |	0.0 |	22837.7 |	0.0 |	0.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |si | 7 |Sx	Si	2408.2 |	0.0 |	0.0 |	2408.2 |		
-----							133.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	470.6 |	0.0 |	0.0 |	22838.8 |	0.0 |	-2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |si | 7 |Sx	Si	2406.3 |	0.0 |	0.0 |	2406.3 |		
-----							159.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	376.4 |	0.0 |	0.0 |	22839.8 |	0.0 |	-4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |si | 7 |Sx	Si	2400.4 |	0.0 |	0.0 |	2400.4 |		
-----							186.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	219.6 |	0.0 |	0.0 |	22840.9 |	0.0 |	-7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |si | 7 |Sx	Si	2390.5 |	0.0 |	0.0 |	2390.5 |		
-----							212.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	0.0 |	0.0 |	0.0 |	22842.0 |	0.0 |	-9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |si | 3 |Sx	Si	2376.5 |	0.0 |	0.0 |	2376.5 |		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (702- 727) 1207							
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	0.0 |	0.0 |	0.0 |	15853.2 |	0.0 |	9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1 |si | 1 |Sx	Si	1649.4 |	0.0 |	0.0 |	1649.4 |		
-----							27.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	219.6 |	0.0 |	0.0 |	15852.1 |	0.0 |	7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1 |si | 7 |Sx	Si	1663.4 |	0.0 |	0.0 |	1663.4 |		
-----							53.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	376.4 |	0.0 |	0.0 |	15851.1 |	0.0 |	4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1 |si | 7 |Sx	Si	1673.3 |	0.0 |	0.0 |	1673.3 |		
-----							80.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	470.6 |	0.0 |	0.0 |	15850.0 |	0.0 |	2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1 |si | 7 |Sx	Si	1679.2 |	0.0 |	0.0 |	1679.2 |		
-----							106.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	501.9 |	0.0 |	0.0 |	15848.9 |	0.0 |	0.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1 |si | 7 |Sx	Si	1681.1 |	0.0 |	0.0 |	1681.1 |		
-----							133.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	470.6 |	0.0 |	0.0 |	15847.8 |	0.0 |	-2.4 |	
TENSIONI (Sz= 0.00) :							

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1679.0	0.0	0.0	1679.0

PROGR. 159.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	376.4	0.0	0.0	15846.7	0.0	-4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1672.8	0.0	0.0	1672.8

PROGR. 186.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	219.6	0.0	0.0	15845.7	0.0	-7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1662.7	0.0	0.0	1662.7

PROGR. 212.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	15844.6	0.0	-9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	1648.5	0.0	0.0	1648.5

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (705- 732)	1213
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PROGR. 0.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	9649.4	0.0	9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	1003.9	0.0	0.0	1003.9

PROGR. 27.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	219.6	0.0	0.0	9648.3	0.0	7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1017.9	0.0	0.0	1017.9

PROGR. 53.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	376.4	0.0	0.0	9647.2	0.0	4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1027.8	0.0	0.0	1027.8

PROGR. 80.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	470.6	0.0	0.0	9646.1	0.0	2.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1033.7	0.0	0.0	1033.7

PROGR. 106.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	501.9	0.0	0.0	9645.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1035.6	0.0	0.0	1035.6

PROGR. 133.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	470.6	0.0	0.0	9644.0	0.0	-2.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1033.5	0.0	0.0	1033.5

PROGR. 159.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	376.4	0.0	0.0	9642.9	0.0	-4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	7	Sx	1027.4	0.0	0.0	1027.4

PROGR. 186.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	219.6	0.0	0.0	9641.8	0.0	-7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	12	Sx	1017.2	0.0	0.0	1017.2

PROGR. 212.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	9640.7	0.0	-9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	1003.0	0.0	0.0	1003.0

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

VERIFICA ELEMENTI IN ACCIAIO
lavoro : MUSST4

Unità di misura:

Copertura area carburante - Relazione di calcolo

Lunghezze: cm
 Prop.Sez.: cm
 Forze: daN
 Momenti: daNcm
 Tensioni: daN/cm2

MATERIALI

S275 (EN 10025-2): Mod.El.= 2100000.0; gM = 1.050;
 fyk = 2750.0(2550.0 per sp>40 mm); fyd = 2619.0(2428.6 per sp>40 mm).

CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	2
4	SLU VENTOX 1	2
5	SLU VENTOX 2	2
6	SLU VENTOX 2	2
7	SLU VENTOX 3	2
8	SLU VENTOX 3	2
11	SLU con SISMAX PRINC	16
12	SLU con SISMAX PRINC	16

CARATTERISTICHE GEOMETRICHE

P_HEB140_S006 (6) :
 $\bar{A} = 43.0302E+00$ $Jz = 1.5114E+03$ $Jy = 549.7222E+00$ $Jt = 16.5832E+00$

P_IPE80_S008 (8) :
 $\bar{A} = 7.6563E+00$ $Jz = 80.2777E+00$ $Jy = 8.4911E+00$ $Jt = 527.6360E-03$

P_HEA120_S011 (11) :
 $\bar{A} = 25.4102E+00$ $Jz = 607.6354E+00$ $Jy = 230.9414E+00$ $Jt = 4.3320E+00$

G_2L_50x5_d8 (15) :
 $\bar{A} = 9.6115E+00$ $Jz = 21.8931E+00$ $Jy = 53.1028E+00$ $Jt = 1.0000E+00$

P_HEB140_S006 (6) stato limite ultimo - ASTA (346- 347) 627
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-7519.9	16.1	94.2
12- 5	0.0	0.0	0.0	-3340.5	67.6	58.0
7- 1	0.0	0.0	0.0	-6805.1	1.8	120.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-174.8	0.0	0.0	174.8
12- 5	si	5	Tz	-77.6	4.2	0.0	78.0
7- 1	si	9	Ty	-158.1	0.0	-14.0	160.0
11- 1	si	9	Si	-174.8	0.0	-10.9	175.8

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	2172.2	-533.0	0.0	-7458.4	22.1	86.0
12- 5	1301.3	-1631.7	0.0	-3340.5	67.6	49.9
7- 1	2774.7	-43.2	0.0	-6805.1	1.8	109.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-190.2	0.0	0.0	190.2
12- 5	si	5	Tz	-88.3	4.0	0.0	88.5
7- 1	si	9	Ty	-158.2	0.0	-12.7	159.7

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	4148.0	-1065.9	0.0	-7458.4	22.1	77.8
12- 5	2406.0	-3263.3	0.0	-3340.5	67.6	41.7
7- 1	5294.1	-86.4	0.0	-6805.1	1.8	99.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-206.1	0.0	0.0	206.1
12- 5	si	5	Tz	-98.0	3.8	0.0	98.2
7- 1	si	9	Ty	-158.2	0.0	-11.5	159.5

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	5927.4	-1598.9	0.0	-7458.4	22.1	69.7
12- 5	3314.4	-4895.0	0.0	-3340.5	67.6	33.6
7- 1	7558.0	-129.7	0.0	-6805.1	1.8	88.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-221.1	0.0	0.0	221.1
12- 5	si	5	Tz	-106.8	3.6	0.0	107.0
7- 1	si	9	Ty	-158.2	0.0	-10.3	159.2

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	7510.2	-2131.9	0.0	-7458.4	22.1	61.5
12- 5	4026.2	-6526.7	0.0	-3340.5	67.6	25.4
7- 1	9566.6	-172.9	0.0	-6805.1	1.8	78.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-235.3	0.0	0.0	235.3
12- 5	si	5	Tz	-114.7	3.5	0.0	114.8
7- 1	si	9	Ty	-158.3	0.0	-9.1	159.0

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	8896.6	-2664.9	0.0	-7458.4	22.1	53.4
12- 5	4541.7	-8158.4	0.0	-3340.5	67.6	17.3
7- 1	11319.7	-216.1	0.0	-6805.1	1.8	67.4

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 11- 2| |si| 1|Sx |Si| -248.5| 0.0| 0.0| 248.5|
| 12- 5| |si| 5| Tz | -121.7| 3.3| 0.0| 121.8|
| 7- 1| |si| 9| Ty | -158.3| 0.0| -7.8| 158.9|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 2| 10086.6| -3197.8| 0.0| -7458.4| 22.1| 45.3|
| 12-12| 255.8| 9722.6| 0.0| 1397.9| -67.2| -22.7|
| 7- 2| -4121.9| -169.6| 0.0| 4791.6| 1.2| -60.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 11- 2| |si| 1|Sx |Si| -260.8| 0.0| 0.0| 260.8|
| 12-12| |si| 5| Tz | 58.7| -3.4| 0.0| 59.0|
| 7- 2| |si| 9| Ty | 111.2| 0.0| 7.0| 111.9|
----- PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 2| 11080.1| -3730.8| 0.0| -7458.4| 22.1| 37.1|
| 12-12| -389.2| 11343.0| 0.0| 1397.9| -67.2| -30.8|
| 7- 2| -5702.7| -197.9| 0.0| 4791.6| 1.2| -70.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 11- 2| |si| 1|Sx |Si| -272.2| 0.0| 0.0| 272.2|
| 12-12| |si| 5| Tz | 66.3| -3.6| 0.0| 66.6|
| 7- 2| |si| 9| Ty | 111.2| 0.0| 8.2| 112.1|
----- PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 2| 11877.1| -4263.8| 0.0| -7458.4| 22.1| 29.0|
| 12-12| -1230.6| 12963.4| 0.0| 1397.9| -67.2| -38.9|
| 7- 2| -7539.0| -226.2| 0.0| 4791.6| 1.2| -81.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 11- 2| |si| 1|Sx |Si| -282.6| 0.0| 0.0| 282.6|
| 12-12| |si| 5| Tz | 74.7| -3.7| 0.0| 75.0|
| 7- 2| |si| 9| Ty | 111.2| 0.0| 9.5| 112.4|
-----
VERIFICA STABILITA' :
|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso11- 2 - Nodo 1 - Asse Y
Ned = -7458.4|Mzeq = 9082.2|Myeq = -3197.8|Ss = -308.6 ( 0.118)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 347- 348) 628
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 15061.4| -345.8| 0.0| -15162.6| 10.6| 103.2|
| 12-12| -1227.3| 12963.4| 0.0| -1666.3| 139.1| 62.6|
| 6- 1| 10012.6| -2424.8| 0.0| -13720.1| -13.1| 128.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 7- 1| |si| 1|Sx |Si| -426.5| 0.0| 0.0| 426.5|
| 12-12| |si| 5| Tz | 3.5| 7.3| 0.0| 13.2|
| 6- 1| |si| 9| Ty | -320.4| 0.0| -14.9| 321.4|
----- PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16549.6| -625.2| 0.0| -15387.6| 12.0| 107.0|
| 12-12| 184.3| 9607.3| 0.0| -1666.3| 139.1| 54.4|
| 6- 1| 12983.9| -2108.3| 0.0| -13720.1| -13.1| 117.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx |Si| -442.2| 0.0| 0.0| 442.2|
| 12-12| |si| 5| Tz | -12.5| 7.2| 0.0| 17.6|
| 6- 1| |si| 9| Ty | -320.2| 0.0| -13.7| 321.1|
----- PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19002.1| -915.8| 0.0| -15387.6| 12.0| 96.4|
| 12-12| 1399.5| 6251.2| 0.0| -1666.3| 139.1| 46.3|
| 6- 1| 15699.9| -1791.8| 0.0| -13720.1| -13.1| 107.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx |Si| -457.3| 0.0| 0.0| 457.3|
| 12-12| |si| 5| Tz | -27.6| 7.0| 0.0| 30.1|
| 6- 1| |si| 9| Ty | -320.0| 0.0| -12.5| 320.7|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 21199.1| -1206.3| 0.0| -15387.6| 12.0| 85.8|
| 12-12| 2418.2| 2895.1| 0.0| -1666.3| 139.1| 38.2|
| 6- 1| 18160.5| -1475.3| 0.0| -13720.1| -13.1| 96.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx |Si| -471.1| 0.0| 0.0| 471.1|
| 12-12| |si| 5| Tz | -41.8| 6.8| 0.0| 43.4|
| 6- 1| |si| 9| Ty | -319.8| 0.0| -11.2| 320.4|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 23140.8| -1496.9| 0.0| -15387.6| 12.0| 75.2|
| 12-12| 3240.4| -461.0| 0.0| -1666.3| 139.1| 30.0|
| 6- 1| 20365.6| -1158.8| 0.0| -13720.1| -13.1| 86.1|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve No massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 1|Sx Si|	-483.8|	0.0|	0.0|	483.8|	
| 12-12|	|si| 5| Tz	-55.0|	6.6|	0.0|	56.2|	
| 6- 1|	|si| 9| Ty	-319.6|	0.0|	-10.0|	320.1|	
-----						PROGR. 121.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	24827.1|	-1787.4|	0.0|	-15387.6|	12.0|	64.6|
| 12-12|	3866.2|	-3817.2|	0.0|	-1666.3|	139.1|	21.9|
| 6- 1|	22315.4|	-842.3|	0.0|	-13720.1|	-13.1|	75.5|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 5- 1|	|si| 1|Sx Si|	-495.3|	0.0|	0.0|	495.3|	
| 12-12|	|si| 5| Tz	-67.4|	6.4|	0.0|	68.3|	
| 6- 1|	|si| 9| Ty	-319.4|	0.0|	-8.8|	319.7|	
-----						PROGR. 145.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	26258.0|	-2078.0|	0.0|	-15387.6|	12.0|	54.0|
| 12-12|	4295.5|	-7173.3|	0.0|	-1666.3|	139.1|	13.7|
| 6- 1|	24009.8|	-525.8|	0.0|	-13720.1|	-13.1|	64.9|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 5- 1|	|si| 1|Sx Si|	-505.7|	0.0|	0.0|	505.7|	
| 12-12|	|si| 5| Tz	-78.8|	6.2|	0.0|	79.6|	
| 6- 1|	|si| 9| Ty	-319.2|	0.0|	-7.5|	319.5|	
-----						PROGR. 169.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	27433.5|	-2368.6|	0.0|	-15387.6|	12.0|	43.4|
| 12-10|	7598.5|	-10258.5|	0.0|	-4151.9|	136.8|	-10.7|
| 6- 1|	25448.7|	-209.3|	0.0|	-13720.1|	-13.1|	54.4|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 5- 1|	|si| 1|Sx Si|	-514.8|	0.0|	0.0|	514.8|	
| 12-10|	|si| 6| Tz	-102.8|	6.0|	0.0|	103.3|	
| 6- 1|	|si| 9| Ty	-319.0|	0.0|	-6.3|	319.2|	
-----						PROGR. 193.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	28353.6|	-2659.1|	0.0|	-15387.6|	12.0|	32.8|
| 12-10|	7242.0|	-13557.9|	0.0|	-4151.9|	136.8|	-18.9|
| 6- 1|	26632.3|	107.2|	0.0|	-13720.1|	-13.1|	43.8|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 5- 1|	|si| 1|Sx Si|	-522.8|	0.0|	0.0|	522.8|	
| 12-10|	|si| 6| Tz	-91.8|	6.2|	0.0|	92.4|	
| 6- 1|	|si| 9| Ty	-318.8|	0.0|	-5.1|	318.9|	
-----						PROGR. 193.
VERIFICA STABILITA' :						
|L0 = 193. |						
Z	|Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|					
Y	|Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|					
Caso 5- 1 - Nodo 1 - Asse Y						
Ned = -15387.6|Mzeq = 28353.6|Myeq = -1994.4|Ss = -623.6 (0.238)						
P_HEB140_S006 (6) stato limite ultimo - ASTA (348- 349) 629						
-----						PROGR. 0.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	28364.5|	-2659.1|	0.0|	-23182.1|	-11.3|	74.1|
| 12-16|	4419.5|	-15082.3|	0.0|	-4830.1|	-106.7|	44.7|
| 6- 1|	26643.0|	107.2|	0.0|	-22349.5|	10.2|	79.4|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 5- 1|	|si| 1|Sx Si|	-704.0|	0.0|	0.0|	704.0|	
| 12-16|	|si| 6| Tz	-90.2|	-5.6|	0.0|	90.7|	
| 6- 1|	|si| 9| Ty	-519.3|	0.0|	-9.2|	519.6|	
-----						PROGR. 24.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	30023.7|	-2386.0|	0.0|	-23182.1|	-11.3|	63.5|
| 12-16|	5399.8|	-12509.0|	0.0|	-4830.1|	-106.7|	36.6|
| 6- 1|	28431.6|	-139.9|	0.0|	-22349.5|	10.2|	68.8|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 5- 1|	|si| 1|Sx Si|	-708.2|	0.0|	0.0|	708.2|	
| 12-16|	|si| 6| Tz	-102.0|	-5.4|	0.0|	102.4|	
| 6- 1|	|si| 9| Ty	-519.5|	0.0|	-8.0|	519.7|	
-----						PROGR. 48.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	31427.5|	-2112.9|	0.0|	-23182.1|	-11.3|	52.9|
| 12-16|	6183.6|	-9935.6|	0.0|	-4830.1|	-106.7|	28.4|
| 6- 1|	29964.9|	-387.0|	0.0|	-22349.5|	10.2|	58.3|
TENSIONI (Sz= 0.00) :						
| Caso	|Ve|No|massimi	| Sx	| Tz	| Ty	| Si	
| 5- 1|	|si| 1|Sx Si|	-711.2|	0.0|	0.0|	711.2|	
| 12-16|	|si| 6| Tz	-112.9|	-5.2|	0.0|	113.2|	
| 6- 1|	|si| 9| Ty	-519.6|	0.0|	-6.8|	519.8|	
-----						PROGR. 72.
SOLLECITAZIONI :						
| Caso	| MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	32575.9|	-1839.7|	0.0|	-23182.1|	-11.3|	42.3|
| 12-16|	6770.9|	-7362.3|	0.0|	-4830.1|	-106.7|	20.3|
6- 1	31242.8	-634.1	0.0	-22349.5	10.2	47.7
TENSIONI (Sz= 0.00) :						
Caso	Ve No massimi	Sx	Tz	Ty	Si	

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5- 1 si 1 Sx	Si	-713.0	0.0	0.0	713.0
12-16 si 6 Tz		-122.8	-5.0	0.0	123.2
6- 1 si 9 Ty		-519.8	0.0	-5.5	519.9

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	33468.9|	-1566.6|	0.0|	-23182.1|	-11.3|	31.7|
| 12-16|	7161.8|	-4789.0|	0.0|	-4830.1|	-106.7|	12.1|
| 6- 1|	32265.3|	-881.2|	0.0|	-22349.5|	10.2|	37.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx	Si|	-713.7|	0.0|	0.0|	713.7|
| 12-16|si| 6| Tz	|	-131.9|	-4.8|	0.0|	132.2|
| 6- 1|si| 9| Ty	|	-520.0|	0.0|	-4.3|	520.0|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34106.5|	-1293.5|	0.0|	-23182.1|	-11.3|	21.1|
| 12-16|	7356.2|	-2215.7|	0.0|	-4830.1|	-106.7|	4.0|
| 6- 1|	33032.3|	-1128.3|	0.0|	-22349.5|	10.2|	26.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx	Si|	-713.2|	0.0|	0.0|	713.2|
| 12-16|si| 6| Tz	|	-140.1|	-4.6|	0.0|	140.3|
| 6- 1|si| 9| Ty	|	-520.1|	0.0|	-3.1|	520.1|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34488.7|	-1020.4|	0.0|	-23182.1|	-11.3|	10.5|
| 12-14|	8745.1|	364.2|	0.0|	-5919.9|	-104.4|	-13.0|
| 11- 1|	10566.5|	-319.9|	0.0|	-7266.6|	37.9|	-27.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx	Si|	-711.5|	0.0|	0.0|	711.5|
| 12-14|si| 5| Tz	|	-177.1|	-4.7|	0.0|	177.2|
| 11- 1|si| 9| Ty	|	-169.1|	0.0|	3.1|	169.2|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34615.5|	-747.2|	0.0|	-23182.1|	-11.3|	0.0|
| 12-14|	8332.1|	2884.0|	0.0|	-5919.9|	-104.4|	-21.2|
| 11- 1|	9817.6|	-1233.6|	0.0|	-7266.6|	37.9|	-35.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx	Si|	-708.6|	0.0|	0.0|	708.6|
| 12-14|si| 5| Tz	|	-168.0|	-4.9|	0.0|	168.3|
| 11- 1|si| 9| Ty	|	-169.7|	0.0|	4.1|	169.8|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34487.0|	-474.1|	0.0|	-23182.1|	-11.3|	-10.6|
| 12-14|	7722.7|	5403.8|	0.0|	-5919.9|	-104.4|	-29.3|
| 11- 1|	8872.2|	-2147.4|	0.0|	-7266.6|	37.9|	-43.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx	Si|	-704.5|	0.0|	0.0|	704.5|
| 12-14|si| 5| Tz	|	-158.1|	-5.1|	0.0|	158.4|
| 11- 1|si| 9| Ty	|	-170.2|	0.0|	5.0|	170.5|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -23182.1|Mzeq = 34615.5|Myeq = -2036.6|Ss = -890.5 (0.340)

P_HEB140_S006 (6) stato limite ultimo - ASTA (349- 350) 630
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	33806.3|	-1869.6|	0.0|	-24654.5|	-7.1|	19.8|
| 12- 7|	6667.0|	-5687.4|	0.0|	-5938.6|	-24.0|	30.0|
| 7- 2|	3469.2|	-196.2|	0.0|	-4368.6|	-1.3|	48.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si|	-753.3|	0.0|	0.0|	753.3|
| 12- 7|si| 6| Tz	|	-152.9|	-1.7|	0.0|	152.9|
| 7- 2|si| 9| Ty	|	-101.6|	0.0|	-5.7|	102.1|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	34155.5|	-1698.3|	0.0|	-24654.5|	-7.1|	9.2|
| 12- 7|	7293.1|	-5107.7|	0.0|	-5938.6|	-24.0|	21.9|
| 7- 2|	4522.0|	-164.8|	0.0|	-4368.6|	-1.3|	38.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si|	-752.8|	0.0|	0.0|	752.8|
| 12- 7|si| 6| Tz	|	-157.4|	-1.5|	0.0|	157.4|
| 7- 2|si| 9| Ty	|	-101.6|	0.0|	-4.5|	101.9|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	34249.4|	-1527.1|	0.0|	-24654.5|	-7.1|	-1.4|
| 12- 7|	7722.7|	-4528.0|	0.0|	-5938.6|	-24.0|	13.7|
| 7- 2|	5319.5|	-133.3|	0.0|	-4368.6|	-1.3|	27.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si|	-751.0|	0.0|	0.0|	751.0|

Copertura area carburante - Relazione di calcolo

| 12- 7|si| 6| Tz | | -161.0| -1.3| 0.0| 161.0|
| 7- 2|si| 9| Ty | | -101.6| 0.0| -3.2| 101.8|

PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 34087.8| -1355.8| 0.0| -24654.5| -7.1| -12.0|
| 12- 7| 7955.9| -3948.2| 0.0| -5938.6| -24.0| 5.6|
| 7- 2| 5861.6| -101.9| 0.0| -4368.6| -1.3| 17.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -748.1| 0.0| 0.0| 748.1|
| 12- 7|si| 6| Tz | -163.7| -1.1| 0.0| 163.7|
| 7- 2|si| 9| Ty | -101.6| 0.0| -2.0| 101.6|

PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 33670.8| -1184.6| 0.0| -24654.5| -7.1| -22.6|
| 12- 5| 8471.1| -3430.7| 0.0| -5844.4| -24.4| -7.6|
| 5- 1| 34007.5| -388.3| 0.0| -24639.4| -0.9| -26.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -744.0| 0.0| 0.0| 744.0|
| 12- 5|si| 5| Tz | -184.7| -1.2| 0.0| 184.7|
| 5- 1|si| 9| Ty | -572.9| 0.0| 3.0| 572.9|

PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 32998.5| -1013.3| 0.0| -24654.5| -7.1| -33.2|
| 12- 5| 8190.3| -2841.4| 0.0| -5844.4| -24.4| -15.7|
| 5- 1| 33247.8| -366.9| 0.0| -24639.4| -0.9| -36.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -738.7| 0.0| 0.0| 738.7|
| 12- 5|si| 5| Tz | -181.8| -1.4| 0.0| 181.8|
| 5- 1|si| 9| Ty | -572.8| 0.0| 4.3| 572.9|

PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 32070.7| -842.1| 0.0| -24654.5| -7.1| -43.7|
| 12- 5| 7713.0| -2252.0| 0.0| -5844.4| -24.4| -23.9|
| 5- 1| 32232.6| -345.4| 0.0| -24639.4| -0.9| -47.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -732.2| 0.0| 0.0| 732.2|
| 12- 5|si| 5| Tz | -177.9| -1.6| 0.0| 177.9|
| 5- 1|si| 9| Ty | -572.8| 0.0| 5.5| 572.9|

PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 30887.6| -670.8| 0.0| -24654.5| -7.1| -54.3|
| 12- 5| 7039.2| -1662.7| 0.0| -5844.4| -24.4| -32.0|
| 5- 1| 30962.1| -324.0| 0.0| -24639.4| -0.9| -58.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -724.6| 0.0| 0.0| 724.6|
| 12- 5|si| 5| Tz | -173.1| -1.8| 0.0| 173.1|
| 5- 1|si| 9| Ty | -572.8| 0.0| 6.7| 572.9|

PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 29449.0| -499.6| 0.0| -24654.5| -7.1| -64.9|
| 12- 5| 6169.0| -1073.4| 0.0| -5844.4| -24.4| -40.1|
| 5- 1| 29436.1| -302.5| 0.0| -24639.4| -0.9| -68.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -715.7| 0.0| 0.0| 715.7|
| 12- 5|si| 5| Tz | -167.4| -2.0| 0.0| 167.5|
| 5- 1|si| 9| Ty | -572.8| 0.0| 8.0| 573.0|

PROGR.
VERIFICA STABILITA` :
|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -24654.5|Mzeq = 34249.4|Myeq = -1539.9|Ss = -926.7 (0.354)
P_HEB140_S006 (6) stato limite ultimo - ASTA (350- 351) 631

PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 29449.0| -499.6| 0.0| -24654.7| 5.6| 65.4|
| 12-15| 6195.2| 984.2| 0.0| -5863.5| -40.9| 40.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -715.7| 0.0| 0.0| 715.7|
| 12-15|si| 6| Tz | -167.7| -2.7| 0.0| 167.8|
| 6- 1|si| 9| Ty | -573.3| 0.0| -7.6| 573.4|

PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 30899.0| -635.1| 0.0| -24654.7| 5.6| 54.8|
| 12-15| 7062.0| 1969.9| 0.0| -5863.5| -40.9| 31.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -724.2| 0.0| 0.0| 724.2|
| 12-15|si| 6| Tz | -174.5| -2.5| 0.0| 174.6|
6- 1 si 9 Ty -573.4 0.0 -6.4 573.5

PROGR. 48.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 32093.7 | -770.6 | 0.0 | -24654.7 | 5.6 | 44.2 |
| 12-15 | 7732.4 | 2955.5 | 0.0 | -5863.5 | -40.9 | 23.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si | -731.4 | 0.0 | 0.0 | 731.4 |
| 12-15 |si| 6| Tz  | -180.4 | -2.3 | 0.0 | 180.5 |
| 6- 1 |si| 9| Ty  | -573.5 | 0.0 | -5.1 | 573.5 |
----- PROGR. 72.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 33033.0 | -906.2 | 0.0 | -24654.7 | 5.6 | 33.6 |
| 12-15 | 8206.4 | 3941.1 | 0.0 | -5863.5 | -40.9 | 15.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si | -737.5 | 0.0 | 0.0 | 737.5 |
| 12-15 |si| 6| Tz  | -185.4 | -2.1 | 0.0 | 185.4 |
| 6- 1 |si| 9| Ty  | -573.5 | 0.0 | -3.9 | 573.6 |
----- PROGR. 96.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 33716.9 | -1041.7 | 0.0 | -24654.7 | 5.6 | 23.1 |
| 12-15 | 8483.9 | 4926.7 | 0.0 | -5863.5 | -40.9 | 7.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si | -742.4 | 0.0 | 0.0 | 742.4 |
| 12-15 |si| 6| Tz  | -189.5 | -1.9 | 0.0 | 189.5 |
| 6- 1 |si| 9| Ty  | -573.6 | 0.0 | -2.7 | 573.6 |
----- PROGR. 121.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 34145.4 | -1177.2 | 0.0 | -24654.7 | 5.6 | 12.5 |
| 12-13 | 7917.3 | 5805.0 | 0.0 | -5945.5 | -40.2 | -6.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si | -746.1 | 0.0 | 0.0 | 746.1 |
| 12-13 |si| 5| Tz  | -158.5 | -1.8 | 0.0 | 158.5 |
| 6- 1 |si| 9| Ty  | -573.7 | 0.0 | -1.4 | 573.7 |
----- PROGR. 145.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 34318.5 | -1312.7 | 0.0 | -24654.7 | 5.6 | 1.9 |
| 12-13 | 7673.4 | 6773.8 | 0.0 | -5945.5 | -40.2 | -14.2 |
| 8- 2 | 6145.7 | 1736.7 | 0.0 | -4343.5 | -9.3 | -21.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si | -748.6 | 0.0 | 0.0 | 748.6 |
| 12-13 |si| 5| Tz  | -154.6 | -2.0 | 0.0 | 154.6 |
| 8- 2 |si| 9| Ty  | -99.8 | 0.0 | 2.5 | 99.9 |
----- PROGR. 169.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 34236.2 | -1448.3 | 0.0 | -24654.7 | 5.6 | -8.7 |
| 12-13 | 7233.0 | 7742.7 | 0.0 | -5945.5 | -40.2 | -22.3 |
| 8- 2 | 5489.5 | 1962.2 | 0.0 | -4343.5 | -9.3 | -32.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si | -750.0 | 0.0 | 0.0 | 750.0 |
| 12-13 |si| 5| Tz  | -149.8 | -2.2 | 0.0 | 149.9 |
| 8- 2 |si| 9| Ty  | -99.7 | 0.0 | 3.8 | 99.9 |
----- PROGR. 193.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 33898.5 | -1583.8 | 0.0 | -24654.7 | 5.6 | -19.3 |
| 12-13 | 6596.1 | 8711.6 | 0.0 | -5945.5 | -40.2 | -30.5 |
| 8- 2 | 4577.9 | 2187.8 | 0.0 | -4343.5 | -9.3 | -43.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si | -750.1 | 0.0 | 0.0 | 750.1 |
| 12-13 |si| 5| Tz  | -144.2 | -2.4 | 0.0 | 144.2 |
| 8- 2 |si| 9| Ty  | -99.5 | 0.0 | 5.0 | 99.9 |
----- PROGR. 24.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 33884.5 | -518.9 | 0.0 | -22435.8 | -44.1 | -5.7 |
| 12- 8 | 8458.8 | -5410.6 | 0.0 | -5981.1 | -127.4 | 21.7 |
| 7- 2 | 6753.6 | 99.7 | 0.0 | -5268.9 | -5.9 | 38.3 |
----- PROGR. 24.

VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -24654.7 |Mzeq = 34318.5 |Myeq = -1354.2 |Ss = -924.4 ( 0.353)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 351- 352) 632
----- PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 33893.2 | -1583.8 | 0.0 | -22435.8 | -44.1 | 4.9 |
| 12- 8 | 7838.2 | -8483.9 | 0.0 | -5981.1 | -127.4 | 29.8 |
| 7- 2 | 5702.3 | -42.2 | 0.0 | -5268.9 | -5.9 | 48.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1|Sx  Si | -698.5 | 0.0 | 0.0 | 698.5 |
| 12- 8 |si| 6| Tz  | -151.4 | -6.1 | 0.0 | 151.7 |
| 7- 2 |si| 9| Ty  | -122.5 | 0.0 | -5.7 | 122.9 |
----- PROGR. 24.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 33884.5 | -518.9 | 0.0 | -22435.8 | -44.1 | -5.7 |
| 12- 8 | 8458.8 | -5410.6 | 0.0 | -5981.1 | -127.4 | 21.7 |
| 7- 2 | 6753.6 | 99.7 | 0.0 | -5268.9 | -5.9 | 38.3 |
----- PROGR. 24.

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -684.9| 0.0| 0.0| 684.9|
| 12- 8|si| 6| Tz | | -162.9| -5.9| 0.0| 163.2|
| 7- 2|si| 9| Ty | | -122.4| 0.0| -4.4| 122.6|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 33620.5| 546.0| 0.0| -22435.8| -44.1| -16.2|
| 12- 8| 8883.0| -2337.2| 0.0| -5981.1| -127.4| 13.5|
| 7- 2| 7549.5| 241.6| 0.0| -5268.9| -5.9| 27.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -684.1| 0.0| 0.0| 684.1|
| 12- 8|si| 6| Tz | | -173.5| -5.7| 0.0| 173.8|
| 7- 2|si| 9| Ty | | -122.3| 0.0| -3.2| 122.4|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 33101.0| 1610.9| 0.0| -22435.8| -44.1| -26.8|
| 12- 8| 9110.6| 736.2| 0.0| -5981.1| -127.4| 5.4|
| 5- 1| 32054.5| 1396.9| 0.0| -21590.5| -22.7| -32.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -695.2| 0.0| 0.0| 695.2|
| 12- 8|si| 6| Tz | | -183.3| -5.5| 0.0| 183.5|
| 5- 1|si| 9| Ty | | -500.9| 0.0| 3.7| 500.9|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 32326.2| 2675.8| 0.0| -22435.8| -44.1| -37.4|
| 12- 6| 7281.0| 3689.2| 0.0| -4896.3| -127.8| -11.4|
| 5- 1| 31155.9| 1944.4| 0.0| -21590.5| -22.7| -42.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -705.2| 0.0| 0.0| 705.2|
| 12- 6|si| 5| Tz | | -137.1| -5.7| 0.0| 137.5|
| 5- 1|si| 9| Ty | | -500.5| 0.0| 4.9| 500.6|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 31295.9| 3740.7| 0.0| -22435.8| -44.1| -48.0|
| 12- 6| 6908.6| 6771.8| 0.0| -4896.3| -127.8| -19.5|
| 5- 1| 30001.8| 2492.0| 0.0| -21590.5| -22.7| -53.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -714.0| 0.0| 0.0| 714.0|
| 12- 6|si| 5| Tz | | -126.7| -5.9| 0.0| 127.1|
| 5- 1|si| 9| Ty | | -500.2| 0.0| 6.2| 500.3|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 30010.3| 4805.6| 0.0| -22435.8| -44.1| -58.6|
| 12- 6| 6339.8| 9854.4| 0.0| -4896.3| -127.8| -27.6|
| 5- 1| 28592.4| 3039.5| 0.0| -21590.5| -22.7| -63.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -721.6| 0.0| 0.0| 721.6|
| 12- 6|si| 5| Tz | | -115.4| -6.1| 0.0| 115.8|
| 5- 1|si| 9| Ty | | -499.8| 0.0| 7.4| 500.0|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 28469.2| 5870.5| 0.0| -22435.8| -44.1| -69.2|
| 12- 6| 5574.6| 12937.1| 0.0| -4896.3| -127.8| -35.8|
| 5- 1| 26927.6| 3587.1| 0.0| -21590.5| -22.7| -74.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -728.0| 0.0| 0.0| 728.0|
| 12- 6|si| 5| Tz | | -103.1| -6.2| 0.0| 103.7|
| 5- 1|si| 9| Ty | | -499.5| 0.0| 8.6| 499.7|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 26672.8| 6935.4| 0.0| -22435.8| -44.1| -79.8|
| 12- 6| 4612.8| 16019.7| 0.0| -4896.3| -127.8| -43.9|
| 5- 1| 25007.4| 4134.6| 0.0| -21590.5| -22.7| -84.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -733.2| 0.0| 0.0| 733.2|
| 12- 6|si| 5| Tz | | -90.0| -6.4| 0.0| 90.7|
| 5- 1|si| 9| Ty | | -499.1| 0.0| 9.9| 499.4|
-----
PROGR.

VERIFICA STABILITA` :

|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -22435.8|Mzeq = 33893.2|Myeq = 5201.6|Ss = -907.9 ( 0.347)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 352- 353) 633
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 26661.8| 6935.4| 0.0| -13420.5| 46.9| -44.0|
| 12- 4| 7353.1| 14952.7| 0.0| -4121.7| 141.8| 18.6|
| 7- 1| 21132.3| 3772.4| 0.0| -9295.6| 19.6| -55.0|

TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-523.7	0.0	0.0
12- 4	|si	5	Tz		-87.7	6.4	0.0
7- 1	|si	9	Ty		-213.6	0.0	6.4

24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	25471.8	5805.0	0.0	-13420.5	46.9	-54.6
12- 4	7703.7	11532.6	0.0	-4121.7	141.8	10.5
7- 1	19677.6	3299.3	0.0	-9295.6	19.6	-65.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-503.8	0.0	0.0
12- 4	|si	5	Tz		-98.9	6.2	0.0
7- 1	|si	9	Ty		-213.9	0.0	7.6

48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	24026.5	4674.5	0.0	-13420.5	46.9	-65.2
12- 2	4396.5	8034.5	0.0	-1734.0	141.7	-13.7
7- 1	17967.5	2826.1	0.0	-9295.6	19.6	-76.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-482.7	0.0	0.0
12- 2	|si	6	Tz		-83.3	6.3	0.0
7- 1	|si	9	Ty		-214.2	0.0	8.9

72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	22325.7	3544.0	0.0	-13420.5	46.9	-75.8
12- 2	3968.0	4617.1	0.0	-1734.0	141.7	-21.8
7- 1	16002.1	2353.0	0.0	-9295.6	19.6	-86.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-460.4	0.0	0.0
12- 2	|si	6	Tz		-71.7	6.5	0.0
7- 1	|si	9	Ty		-214.5	0.0	10.1

96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	20369.6	2413.5	0.0	-13420.5	46.9	-86.4
12- 2	3343.1	1199.7	0.0	-1734.0	141.7	-30.0
7- 1	13781.2	1879.9	0.0	-9295.6	19.6	-97.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-437.0	0.0	0.0
12- 2	|si	6	Tz		-59.2	6.7	0.0
7- 1	|si	9	Ty		-214.8	0.0	11.3

121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	18158.0	1283.0	0.0	-13420.5	46.9	-97.0
12- 2	2521.8	-2217.7	0.0	-1734.0	141.7	-38.1
7- 1	11304.9	1406.8	0.0	-9295.6	19.6	-107.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-412.3	0.0	0.0
12- 2	|si	6	Tz		-45.7	6.9	0.0
7- 1	|si	9	Ty		-215.1	0.0	12.5

145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	15691.1	152.5	0.0	-13420.5	46.9	-107.6
12- 2	1503.9	-5635.1	0.0	-1734.0	141.7	-46.3
7- 1	8573.2	933.7	0.0	-9295.6	19.6	-118.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-386.5	0.0	0.0
12- 2	|si	6	Tz		-31.4	7.1	0.0
7- 1	|si	9	Ty		-215.4	0.0	13.8

169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	12968.7	-978.0	0.0	-13420.5	46.9	-118.1
12- 2	289.6	-9052.5	0.0	-1734.0	141.7	-54.4
7- 1	5586.1	460.5	0.0	-9295.6	19.6	-129.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	Sx	Si	-384.4	0.0	0.0
12- 2	|si	6	Tz		-16.1	7.3	0.0
7- 1	|si	9	Ty		-215.7	0.0	15.0

193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	9991.0	-2108.5	0.0	-13420.5	46.9	-128.7
12- 2	-1121.1	-12469.9	0.0	-1734.0	141.7	-62.5
7- 1	2343.7	-12.6	0.0	-9295.6	19.6	-139.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	Sx	Si	-385.0	0.0	0.0
12- 2	|si	6	Tz		0.1	7.4	0.0
7- 1	|si	9	Ty		-216.0	0.0	16.2

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b) = 0.3400 |ki = 0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c) = 0.4900 |ki = 0.7723 |
 Caso 6- 1 - Nodo 2 - Asse Y

Copertura area carburante - Relazione di calcolo

Ned = -13420.5 | Mzeq = 25595.1 | Myeq = 5201.6 | Ss = -593.6 (0.227)

P_HEB140_S006 (6) stato limite ultimo - ASTA (353- 354) 634
----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	11894.6	3872.4	0.0	-7176.3	20.1	-29.1
12-13	-979.4	12706.7	0.0	277.8	65.8	37.6
11- 1	-8219.7	-3573.9	0.0	5226.2	-18.5	75.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-271.2	0.0
12-13	si	5	Tz		46.8	3.7
11- 1	si	9	Ty		119.2	0.0
----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	11095.4	3388.3	0.0	-7176.3	20.1	-37.2
12-13	-169.4	11118.4	0.0	277.8	65.8	29.5
11- 1	-6504.6	-3127.2	0.0	5226.2	-18.5	67.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-261.3	0.0
12-13	si	5	Tz		38.6	3.5
11- 1	si	9	Ty		119.5	0.0
----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	10099.7	2904.3	0.0	-7176.3	20.1	-45.3
12-13	444.2	9530.0	0.0	277.8	65.8	21.4
11- 1	-4986.0	-2680.5	0.0	5226.2	-18.5	58.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-250.5	0.0
12-13	si	5	Tz		31.3	3.3
11- 1	si	9	Ty		119.7	0.0
----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	8907.6	2420.2	0.0	-7176.3	20.1	-53.5
12-16	4612.1	7926.5	0.0	-3342.6	65.7	-17.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-238.8	0.0
12-16	si	6	Tz		-121.4	3.2
11-16	si	9	Ty		-165.2	0.0
----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	7519.0	1936.2	0.0	-7176.3	20.1	-61.6
12-16	4082.6	6341.2	0.0	-3342.6	65.7	-26.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-226.3	0.0
12-16	si	6	Tz		-114.5	3.4
11-16	si	9	Ty		-165.5	0.0
----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	5933.9	1452.1	0.0	-7176.3	20.1	-69.8
12-16	3356.6	4755.9	0.0	-3342.6	65.7	-34.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-212.7	0.0
12-16	si	6	Tz		-106.6	3.6
11-16	si	9	Ty		-165.8	0.0
----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	4152.4	968.1	0.0	-7176.3	20.1	-77.9
12-16	2434.2	3170.6	0.0	-3342.6	65.7	-42.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-198.3	0.0
12-16	si	6	Tz		-97.9	3.8
11-16	si	9	Ty		-166.2	0.0
----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-16	2174.4	484.0	0.0	-7176.3	20.1	-86.1
12-16	1315.3	1585.3	0.0	-3342.6	65.7	-50.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-16	si	2	Sx	Si	-183.0	0.0
12-16	si	6	Tz		-88.2	3.9
11-16	si	9	Ty		-166.5	0.0
----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-7196.3	14.1	-93.9
12-16	0.0	0.0	0.0	-3342.6	65.7	-58.6
11-16	0.0	0.0	0.0	-7176.3	20.1	-94.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	3	Sx	Si	-167.2	0.0
12-16	si	6	Tz		-77.7	4.1
11-16	si	9	Ty		-166.8	0.0
11-15	si	9	Si	-167.2	0.0	10.9

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

| L0 = 193. |
 Z | Lc = 193. | Ro = 5.93 | lm = 32.6 | Ncr = 840959.4 | alfa (b) = 0.3400 | ki = 0.9358 |
 Y | Lc = 193. | Ro = 3.57 | lm = 54.0 | Ncr = 305877.6 | alfa (c) = 0.4900 | ki = 0.7723 |
 Caso 11-16 - Nodo 2 - Asse Y
 Ned = -7176.3 | Mzeq = 9093.6 | Myeq = 2904.3 | Ss = -296.3 (0.113)

P_HEB140_S006 (6) stato limite ultimo - ASTA (627- 629) 1030
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1 |	0.0 |	0.0 |	78.7 |	-14656.0 |	9.4 |	189.0 |
6- 1 |	0.0 |	0.0 |	73.2 |	-14540.0 |	20.4 |	187.5 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1 | si | 1 | Sx				-340.6 |	0.0 |	0.0 |	340.6 |
6- 1 | si | 5 | Tz				-337.9 |	10.3 |	0.0 |	338.4 |
5- 1 | si | 9 | Ty				-340.6 |	0.0 |	-25.3 |	343.4 |

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	4394.7 |	-493.2 |	73.2 |	-14540.0 |	20.4 |	176.9 |
5- 1 |	4432.8 |	-227.8 |	78.7 |	-14656.0 |	9.4 |	178.4 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 1 | Sx				-364.5 |	0.0 |	0.0 |	364.5 |
6- 1 | si | 5 | Tz				-359.6 |	10.3 |	0.0 |	360.1 |
5- 1 | si | 9 | Ty				-340.7 |	0.0 |	-24.1 |	343.3 |

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	8533.9 |	-986.3 |	73.2 |	-14540.0 |	20.4 |	166.3 |
5- 1 |	8610.2 |	-455.6 |	78.7 |	-14656.0 |	9.4 |	167.9 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 1 | Sx				-390.0 |	0.0 |	0.0 |	390.0 |
6- 1 | si | 5 | Tz				-380.2 |	10.0 |	0.0 |	380.6 |
5- 1 | si | 9 | Ty				-340.9 |	0.0 |	-22.8 |	343.2 |

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	12417.8 |	-1479.5 |	73.2 |	-14540.0 |	20.4 |	155.7 |
5- 1 |	12532.2 |	-683.4 |	78.7 |	-14656.0 |	9.4 |	157.3 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 1 | Sx				-414.3 |	0.0 |	0.0 |	414.3 |
6- 1 | si | 5 | Tz				-399.6 |	9.8 |	0.0 |	399.9 |
5- 1 | si | 9 | Ty				-341.0 |	0.0 |	-21.6 |	343.1 |

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	16046.3 |	-1972.6 |	73.2 |	-14540.0 |	20.4 |	145.1 |
5- 1 |	16198.7 |	-911.2 |	78.7 |	-14656.0 |	9.4 |	146.7 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 1 | Sx				-437.3 |	0.0 |	0.0 |	437.3 |
6- 1 | si | 5 | Tz				-417.8 |	9.5 |	0.0 |	418.1 |
5- 1 | si | 9 | Ty				-341.2 |	0.0 |	-20.4 |	343.0 |

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	19419.3 |	-2465.8 |	73.2 |	-14540.0 |	20.4 |	134.5 |
5- 1 |	19609.9 |	-1139.0 |	78.7 |	-14656.0 |	9.4 |	136.1 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 1 | Sx				-459.2 |	0.0 |	0.0 |	459.2 |
6- 1 | si | 5 | Tz				-434.8 |	9.3 |	0.0 |	435.1 |
5- 1 | si | 9 | Ty				-341.3 |	0.0 |	-19.1 |	342.9 |

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	22537.0 |	-2958.9 |	73.2 |	-14540.0 |	20.4 |	123.9 |
5- 1 |	22765.7 |	-1366.8 |	78.7 |	-14656.0 |	9.4 |	125.5 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 1 | Sx				-480.0 |	0.0 |	0.0 |	480.0 |
6- 1 | si | 5 | Tz				-450.6 |	9.0 |	0.0 |	450.9 |
5- 1 | si | 9 | Ty				-341.5 |	0.0 |	-17.9 |	342.9 |

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	25399.3 |	-3452.1 |	73.2 |	-14540.0 |	20.4 |	113.4 |
5- 1 |	25666.1 |	-1594.6 |	78.7 |	-14656.0 |	9.4 |	114.9 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 1 | Sx				-499.5 |	0.0 |	0.0 |	499.5 |
6- 1 | si | 5 | Tz				-465.3 |	8.8 |	0.0 |	465.5 |
5- 1 | si | 9 | Ty				-341.6 |	0.0 |	-16.7 |	342.8 |

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1 |	28006.2 |	-3945.3 |	73.2 |	-14540.0 |	20.4 |	102.8 |
5- 1 |	28311.1 |	-1822.4 |	78.7 |	-14656.0 |	9.4 |	104.3 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 | si | 1 | Sx				-517.9 |	0.0 |	0.0 |	517.9 |
6- 1 | si | 5 | Tz				-478.7 |	8.6 |	0.0 |	479.0 |
5- 1 | si | 9 | Ty				-341.8 |	0.0 |	-15.5 |	342.8 |

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA' :

L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -14540.0|Mzeq = 21004.6|Myeq = -2958.9|Ss = -576.1 (0.220)

P_HEB140_S006 (6) stato limite ultimo - ASTA (629- 631) 1032
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	28005.9|	-3638.7|	-69.7|	-26468.7|	-21.5|	107.4|
8- 1|	25127.5|	-5001.0|	-63.2|	-24000.5|	-39.3|	101.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-791.2|	0.0|	0.0|	791.2|
8- 1|si| 6| Tz				-660.0|	-8.6|	0.0|	660.2|
6- 1|si| 9| Ty				-617.4|	0.0|	-15.4|	618.0|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	30469.3|	-3120.9|	-69.7|	-26468.7|	-21.5|	96.8|
8- 1|	27455.8|	-4053.2|	-63.2|	-24000.5|	-39.3|	91.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-796.0|	0.0|	0.0|	796.0|
8- 1|si| 6| Tz				-673.5|	-8.4|	0.0|	673.7|
6- 1|si| 9| Ty				-617.1|	0.0|	-14.2|	617.6|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	32677.3|	-2603.0|	-69.7|	-26468.7|	-21.5|	86.2|
8- 1|	29528.6|	-3105.4|	-63.2|	-24000.5|	-39.3|	80.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-799.6|	0.0|	0.0|	799.6|
8- 1|si| 6| Tz				-685.8|	-8.1|	0.0|	685.9|
6- 1|si| 9| Ty				-616.8|	0.0|	-13.0|	617.2|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	34629.9|	-2085.2|	-69.7|	-26468.7|	-21.5|	75.6|
8- 1|	31346.1|	-2157.6|	-63.2|	-24000.5|	-39.3|	70.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-802.1|	0.0|	0.0|	802.1|
8- 1|si| 6| Tz				-696.9|	-7.9|	0.0|	697.0|
6- 1|si| 9| Ty				-616.4|	0.0|	-11.7|	616.8|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	36474.0|	-1828.6|	-70.3|	-26508.0|	6.5|	63.4|
8- 1|	32908.2|	-1209.9|	-63.2|	-24000.5|	-39.3|	59.5|
6- 1|	36327.1|	-1567.4|	-69.7|	-26468.7|	-21.5|	65.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-808.3|	0.0|	0.0|	808.3|
8- 1|si| 6| Tz				-706.8|	-7.6|	0.0|	706.9|
6- 1|si| 9| Ty				-616.1|	0.0|	-10.5|	616.4|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	37876.3|	-1986.6|	-70.3|	-26508.0|	6.5|	52.8|
8- 1|	34214.9|	-262.1|	-63.2|	-24000.5|	-39.3|	48.9|
6- 1|	37769.0|	-1049.6|	-69.7|	-26468.7|	-21.5|	54.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-816.8|	0.0|	0.0|	816.8|
8- 1|si| 6| Tz				-715.5|	-7.4|	0.0|	715.6|
6- 1|si| 9| Ty				-615.8|	0.0|	-9.3|	616.0|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	39023.2|	-2144.5|	-70.3|	-26508.0|	6.5|	42.2|
8- 1|	35266.2|	685.7|	-63.2|	-24000.5|	-39.3|	38.3|
6- 1|	38955.4|	-531.8|	-69.7|	-26468.7|	-21.5|	43.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-824.1|	0.0|	0.0|	824.1|
8- 1|si| 6| Tz				-723.0|	-7.1|	0.0|	723.1|
6- 1|si| 9| Ty				-615.5|	0.0|	-8.0|	615.6|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	39914.6|	-2302.5|	-70.3|	-26508.0|	6.5|	31.7|
12- 5|	9451.8|	9426.1|	-13.8|	-6692.5|	-135.5|	-7.5|
6- 1|	39886.4|	-14.0|	-69.7|	-26468.7|	-21.5|	33.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-830.2|	0.0|	0.0|	830.2|
12- 5|si| 5| Tz				-172.7|	-6.9|	0.0|	173.1|
6- 1|si| 9| Ty				-615.1|	0.0|	-6.8|	615.2|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	40550.7|	-2460.4|	-70.3|	-26508.0|	6.5|	21.1|
12- 5|	9172.0|	12695.1|	-13.8|	-6692.5|	-135.5|	-15.7|
6- 1	40562.0	503.8	-69.7	-26468.7	-21.5	22.7

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -835.2| 0.0| 0.0| 835.2|
| 12- 5|si| 5| Tz | -162.2| -7.1| 0.0| 162.7|
| 6- 1|si| 9| Ty | -614.8| 0.0| -5.6| 614.9|
-----
VERIFICA STABILITA` :
|L0 = 193.|
Z |Lc = 193.|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -26468.7|Mzeq = 40562.0|Myeq = -2729.0|Ss = -1028.5 ( 0.393)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 631- 633) 1034
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 40550.1| -2266.1| -43.3| -34475.5| -8.7| 83.8|
| 12-14| 8432.6| -14854.9| -10.3| -7622.6| -107.7| 40.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -1017.9| 0.0| 0.0| 1017.9|
| 12-14|si| 6| Tz | -174.3| -6.2| 0.0| 174.7|
| 5- 1|si| 9| Ty | -802.6| 0.0| -11.6| 802.9|
----- PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 42443.1| -2056.6| -43.3| -34475.5| -8.7| 73.2|
| 12-14| 9306.1| -12257.5| -10.3| -7622.6| -107.7| 32.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -1024.0| 0.0| 0.0| 1024.0|
| 12-14|si| 6| Tz | -185.7| -6.1| 0.0| 186.0|
| 5- 1|si| 9| Ty | -802.5| 0.0| -10.3| 802.7|
----- PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 44080.8| -1847.1| -43.3| -34475.5| -8.7| 62.6|
| 12-14| 9983.1| -9660.0| -10.3| -7622.6| -107.7| 24.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -1028.9| 0.0| 0.0| 1028.9|
| 12-14|si| 6| Tz | -196.1| -5.9| 0.0| 196.4|
| 5- 1|si| 9| Ty | -802.4| 0.0| -9.1| 802.5|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45463.0| -1637.7| -43.3| -34475.5| -8.7| 52.0|
| 12-14| 10463.7| -7062.5| -10.3| -7622.6| -107.7| 15.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -1032.6| 0.0| 0.0| 1032.6|
| 12-14|si| 6| Tz | -205.7| -5.7| 0.0| 205.9|
| 5- 1|si| 9| Ty | -802.2| 0.0| -7.9| 802.4|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46589.8| -1428.2| -43.3| -34475.5| -8.7| 41.4|
| 12-14| 10747.8| -4465.0| -10.3| -7622.6| -107.7| 7.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -1035.2| 0.0| 0.0| 1035.2|
| 12-14|si| 6| Tz | -214.3| -5.5| 0.0| 214.5|
| 5- 1|si| 9| Ty | -802.1| 0.0| -6.6| 802.2|
----- PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47461.2| -1218.8| -43.3| -34475.5| -8.7| 30.8|
| 12- 1| 11072.5| 1354.8| -10.3| -7662.8| 107.0| -5.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -1036.5| 0.0| 0.0| 1036.5|
| 12- 1|si| 6| Tz | -233.2| 5.4| 0.0| 233.4|
| 5- 1|si| 9| Ty | -802.0| 0.0| -5.4| 802.0|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 48175.8| -1361.4| -39.5| -34459.2| 12.6| 20.8|
| 12- 1| 10851.0| -1226.3| -10.3| -7662.8| 107.0| -13.3|
| 5- 1| 48077.2| -1009.3| -43.3| -34475.5| -8.7| 20.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1041.3| 0.0| 0.0| 1041.3|
| 12- 1|si| 6| Tz | -224.9| 5.6| 0.0| 225.1|
| 5- 1|si| 9| Ty | -801.8| 0.0| -4.2| 801.9|
----- PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 48551.1| -1666.5| -39.5| -34459.2| 12.6| 10.3|
| 12- 1| 10433.0| -3807.4| -10.3| -7662.8| 107.0| -21.4|
| 8- 2| 8867.7| 1425.4| -8.8| -6826.2| -38.9| -27.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1046.9| 0.0| 0.0| 1046.9|
| 12- 1|si| 6| Tz | -215.7| 5.8| 0.0| 215.9|
| 8- 2|si| 9| Ty | -157.7| 0.0| 3.6| 157.9|
----- PROGR. 193.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1	48670.9	-1971.6	-39.5	-34459.2	12.6	-0.3
12- 1	9818.6	-6388.5	-10.3	-7662.8	107.0	-29.5
8- 2	8075.0	2363.7	-8.8	-6826.2	-38.9	-38.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1051.3	0.0	0.0	1051.3
12- 1	|si	|6	|Tz	-205.5	6.0	0.0	205.8	
8- 2	|si	|9	|Ty	-157.1	0.0	4.8	157.4	

VERIFICA STABILITA` :

L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -34475.5 |Mzeq = 48543.1 |Myeq = -1856.7 |Ss = -1298.5 (0.496)

P_HEB140_S006 (6) stato limite ultimo - ASTA (633- 635) 1036

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	48670.5	-2190.0	-11.7	-36612.8	-9.6	-3.4
11- 2	9593.3	-1961.5	-13.9	-7796.8	-6.2	24.8
8- 2	8074.9	1864.6	-2.6	-7226.2	6.5	35.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1104.2	0.0	0.0	1104.2
11- 2	|si	|6	|Tz	-220.1	-1.8	0.0	220.1	
8- 2	|si	|9	|Ty	-166.7	0.0	-4.3	166.9	

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	48461.3	-1957.6	-11.7	-36612.8	-9.6	-14.0
11- 2	10094.5	-1812.8	-13.9	-7796.8	-6.2	16.7
8- 2	8812.7	1708.2	-2.6	-7226.2	6.5	25.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1100.2	0.0	0.0	1100.2
11- 2	|si	|6	|Tz	-222.8	-1.7	0.0	222.9	
8- 2	|si	|9	|Ty	-166.8	0.0	-3.0	166.9	

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	47996.7	-1725.2	-11.7	-36612.8	-9.6	-24.6
5- 1	47905.1	-632.3	-16.3	-36531.1	-3.2	-23.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1095.1	0.0	0.0	1095.1
5- 1	|si	|5	|Tz	-1072.6	-1.9	0.0	1072.6	
5- 1	|si	|9	|Ty	-849.4	0.0	3.5	849.4	

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	47276.7	-1492.8	-11.7	-36612.8	-9.6	-35.1
5- 1	47203.2	-554.3	-16.3	-36531.1	-3.2	-34.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1088.8	0.0	0.0	1088.8
5- 1	|si	|5	|Tz	-1069.2	-2.1	0.0	1069.2	
5- 1	|si	|9	|Ty	-849.3	0.0	4.7	849.4	

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	46301.3	-1260.5	-11.7	-36612.8	-9.6	-45.7
5- 1	46245.8	-476.3	-16.3	-36531.1	-3.2	-45.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1081.4	0.0	0.0	1081.4
5- 1	|si	|5	|Tz	-1064.5	-2.4	0.0	1064.5	
5- 1	|si	|9	|Ty	-849.3	0.0	5.9	849.3	

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	45070.5	-1028.1	-11.7	-36612.8	-9.6	-56.3
5- 1	45033.1	-398.2	-16.3	-36531.1	-3.2	-55.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1072.7	0.0	0.0	1072.7
5- 1	|si	|5	|Tz	-1058.7	-2.6	0.0	1058.7	
5- 1	|si	|9	|Ty	-849.2	0.0	7.1	849.3	

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	43584.3	-795.7	-11.7	-36612.8	-9.6	-66.9
5- 1	43565.0	-320.2	-16.3	-36531.1	-3.2	-66.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1062.9	0.0	0.0	1062.9
5- 1	|si	|5	|Tz	-1051.6	-2.8	0.0	1051.7	
5- 1	|si	|9	|Ty	-849.2	0.0	8.4	849.3	

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	41842.8	-563.3	-11.7	-36612.8	-9.6	-77.5
5- 1	41841.4	-242.1	-16.3	-36531.1	-3.2	-76.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1051.8	0.0	0.0	1051.8

Copertura area carburante - Relazione di calcolo

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| 5- 1|si| 5| Tz | -1043.4| -3.1| 0.0| 1043.5|
| 5- 1|si| 9| Ty | -849.1| 0.0| 9.6| 849.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 39845.8| -330.9| -11.7| -36612.8| -9.6| -88.1|
| 5- 1| 39862.5| -164.1| -16.3| -36531.1| -3.2| -87.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1039.6| 0.0| 0.0| 1039.6|
| 5- 1|si| 5| Tz | -1034.1| -3.3| 0.0| 1034.1|
| 5- 1|si| 9| Ty | -849.1| 0.0| 10.8| 849.3|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -36612.8|Mzeq = 48670.5|Myeq = -1642.5|Ss = -1361.2 ( 0.520)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 635- 637) 1038
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 39845.7| -890.9| 13.3| -36614.7| -5.4| 83.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1046.8| 0.0| 0.0| 1046.8|
| 6- 1|si| 6| Tz | -1032.9| -3.1| 0.0| 1033.0|
| 6- 1|si| 9| Ty | -851.5| 0.0| -10.2| 851.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 41721.9| -761.8| 13.3| -36614.7| -5.4| 72.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1053.8| 0.0| 0.0| 1053.8|
| 6- 1|si| 6| Tz | -1042.0| -2.9| 0.0| 1042.0|
| 6- 1|si| 9| Ty | -851.4| 0.0| -9.0| 851.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 43342.7| -632.6| 13.3| -36614.7| -5.4| 61.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1059.7| 0.0| 0.0| 1059.7|
| 6- 1|si| 6| Tz | -1049.9| -2.6| 0.0| 1049.9|
| 6- 1|si| 9| Ty | -851.3| 0.0| -7.8| 851.4|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 44708.2| -503.5| 13.3| -36614.7| -5.4| 51.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1064.4| 0.0| 0.0| 1064.4|
| 6- 1|si| 6| Tz | -1056.6| -2.4| 0.0| 1056.6|
| 6- 1|si| 9| Ty | -851.2| 0.0| -6.5| 851.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 45818.2| -374.4| 13.3| -36614.7| -5.4| 40.7|
| 12-16| 10604.5| 4698.3| 5.5| -8249.5| -36.0| 10.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1067.9| 0.0| 0.0| 1067.9|
| 12-16|si| 6| Tz | -254.1| -2.2| 0.0| 254.1|
| 6- 1|si| 9| Ty | -851.1| 0.0| -5.3| 851.2|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46483.0| 604.9| 9.0| -36556.4| -8.8| 28.4|
| 12-16| 10747.0| 5567.2| 5.5| -8249.5| -36.0| 1.8|
| 6- 1| 46672.8| -245.3| 13.3| -36614.7| -5.4| 30.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1072.5| 0.0| 0.0| 1072.5|
| 12-16|si| 6| Tz | -257.2| -2.0| 0.0| 257.2|
| 6- 1|si| 9| Ty | -851.1| 0.0| -4.1| 851.1|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47041.0| 818.2| 9.0| -36556.4| -8.8| 17.8|
| 12-16| 10693.1| 6436.0| 5.5| -8249.5| -36.0| -6.3|
| 6- 1| 47272.1| -116.2| 13.3| -36614.7| -5.4| 19.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1077.8| 0.0| 0.0| 1077.8|
| 12-16|si| 5| Tz | -223.1| -2.1| 0.0| 223.1|
| 6- 1|si| 9| Ty | -851.0| 0.0| -2.8| 851.0|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47343.5| 1031.6| 9.0| -36556.4| -8.8| 7.2|
| 12-16| 10442.7| 7304.9| 5.5| -8249.5| -36.0| -14.4|
| 8- 2| 8584.8| 2104.2| 2.8| -7226.6| -9.5| -26.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | Si | -1082.0| 0.0| 0.0| 1082.0|

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Copertura area carburante - Relazione di calcolo

12-16 si 5	Tz		-219.5	-2.3	0.0	219.5						
| 8- 2|si| 9|	Ty	|	-166.6|	0.0|	3.2|	166.7|						
-----							PROGR.	193.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	47390.6|		1245.0|		9.0|		-36556.4|		-8.8|		-3.3|	
| 12-16|	9995.9|		8173.8|		5.5|		-8249.5|		-36.0|		-22.6|	
| 8- 2|	7814.5|		2332.9|		2.8|		-7226.6|		-9.5|		-37.2|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|	Sx	Si	|	-1084.9|		0.0|		0.0|		1084.9|		
| 12-16|si| 5|	Tz	|	-215.0|		-2.4|		0.0|		0.0|	215.0|		
| 8- 2|si| 9|	Ty	|	-166.5|		0.0|		4.4|			166.6|		

VERIFICA STABILITA` :												
|L0 = 193. |												
Z |Lc = 193. |	Ro = 5.93|	lm = 32.6|	Ncr= 840959.4|	alfa(b)=0.3400|	ki=0.9358|							
Y |Lc = 193. |	Ro = 3.57|	lm = 54.0|	Ncr= 305877.6|	alfa(c)=0.4900|	ki=0.7723|							
Caso 5- 1 - Nodo 2 - Asse Y												
Ned = -36556.4|Mzeq = 47390.6|Myeq = 933.8|Ss = -1343.0 (0.513)												
P_HEB140_S006 (6) stato limite ultimo - ASTA (637- 639) 1040												
-----							PROGR.	0.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	47390.5|		1107.2|		41.6|		-33338.2|		-3.6|		0.5|	
| 12- 8|	9969.6|		-8994.0|		10.0|		-7482.8|		-132.5|		25.3|	
| 7- 2|	8337.4|		4.2|		13.8|		-6854.4|		-4.3|		40.2|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|	Sx	Si	|	-1008.4|		0.0|		0.0|		1008.4|		
| 12- 8|si| 6|	Tz	|	-194.7|		-6.9|		0.0|		0.0|	195.1|		
| 7- 2|si| 9|	Ty	|	-159.3|		0.0|		-5.3|			159.6|		

-----							PROGR.	24.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	47274.6|		1194.8|		41.6|		-33338.2|		-3.6|		-10.1|	
| 12- 8|	10481.7|		-5797.9|		10.0|		-7482.8|		-132.5|		17.2|	
| 7- 2|	9180.1|		108.9|		13.8|		-6854.4|		-4.3|		29.6|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|	Sx	Si	|	-1008.9|		0.0|		0.0|		1008.9|		
| 12- 8|si| 6|	Tz	|	-206.1|		-6.7|		0.0|		0.0|	206.4|		
| 7- 2|si| 9|	Ty	|	-159.2|		0.0|		-4.0|			159.4|		

-----							PROGR.	48.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	46903.3|		1282.5|		41.6|		-33338.2|		-3.6|		-20.7|	
| 12- 8|	10797.2|		-2601.8|		10.0|		-7482.8|		-132.5|		9.0|	
| 6- 1|	47241.9|		852.4|		43.9|		-33495.3|		-27.8|		-20.2|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|	Sx	Si	|	-1008.3|		0.0|		0.0|		1008.3|		
| 12- 8|si| 6|	Tz	|	-216.6|		-6.6|		0.0|		0.0|	216.9|		
| 6- 1|si| 9|	Ty	|	-777.9|		0.0|		4.2|			777.9|		

-----							PROGR.	72.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	46627.7|		1523.7|		43.9|		-33495.3|		-27.8|		-30.8|	
| 12- 8|	10916.4|		594.3|		10.0|		-7482.8|		-132.5|		0.9|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|	Sx	Si	|	-1013.8|		0.0|		0.0|		1013.8|		
| 12- 8|si| 6|	Tz	|	-226.1|		-6.4|		0.0|		0.0|	226.4|		
| 6- 1|si| 9|	Ty	|	-777.4|		0.0|		5.4|			777.5|		

-----							PROGR.	96.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	45758.0|		2195.0|		43.9|		-33495.3|		-27.8|		-41.3|	
| 12- 8|	10839.0|		3790.3|		10.0|		-7482.8|		-132.5|		-7.3|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|	Sx	Si	|	-1018.3|		0.0|		0.0|		1018.3|		
| 12- 8|si| 5|	Tz	|	-213.4|		-6.5|		0.0|		0.0|	213.7|		
| 6- 1|si| 9|	Ty	|	-777.0|		0.0|		6.7|			777.1|		

-----							PROGR.	121.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	44633.0|		2866.3|		43.9|		-33495.3|		-27.8|		-51.9|	
| 12- 8|	10565.2|		6986.4|		10.0|		-7482.8|		-132.5|		-15.4|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|	Sx	Si	|	-1021.6|		0.0|		0.0|		1021.6|		
| 12- 8|si| 5|	Tz	|	-203.1|		-6.7|		0.0|		0.0|	203.5|		
| 6- 1|si| 9|	Ty	|	-776.6|		0.0|		7.9|			776.7|		

-----							PROGR.	145.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	43252.5|		3537.5|		43.9|		-33495.3|		-27.8|		-62.5|	
| 12- 8|	10094.9|		10182.5|		10.0|		-7482.8|		-132.5|		-23.6|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|	Sx	Si	|	-1023.8|		0.0|		0.0|		1023.8|		
| 12- 8|si| 5|	Tz	|	-191.9|		-6.9|		0.0|		0.0|	192.3|		
| 6- 1|si| 9|	Ty	|	-776.2|		0.0|		9.1|			776.3|		

-----							PROGR.	169.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|

Copertura area carburante - Relazione di calcolo

| 6- 1|	41616.7|	4208.8|	43.9|	-33495.3|	-27.8|	-73.1|
| 12- 8|	9428.2|	13378.5|	10.0|	-7482.8|	-132.5|	-31.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-1024.8|	0.0|	0.0|	1024.8|
| 12- 8|si| 5|	Tz |	-179.8|	-7.1|	0.0|	180.3|
| 6- 1|si| 9|	Ty |	-775.7|	0.0|	10.3|	775.9|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	39725.5|	4880.1|	43.9|	-33495.3|	-27.8|	-83.7|
| 12- 8|	8565.0|	16574.6|	10.0|	-7482.8|	-132.5|	-39.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-1024.5|	0.0|	0.0|	1024.5|
| 12- 8|si| 5|	Tz |	-166.8|	-7.3|	0.0|	167.3|
| 6- 1|si| 9|	Ty |	-775.3|	0.0|	11.6|	775.6|

----- PROGR. 193.

VERIFICA STABILITA' :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -33495.3|Mzeq = 47704.2|Myeq = 3660.1|Ss = -1290.4 (0.493)

P_HEB140_S006 (6) stato limite ultimo - ASTA (639- 641) 1042
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	39725.2|	4975.9|	74.6|	-29245.0|	35.9|	3.1|
| 12- 2|	7902.0|	14353.4|	15.3|	-6217.2|	141.9|	22.8|
| 7- 1|	35046.5|	1969.1|	70.6|	-26406.6|	9.7|	11.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-927.0|	0.0|	0.0|	927.0|
| 12- 2|si| 5|	Tz |	-140.6|	7.6|	0.0|	141.2|
| 7- 1|si| 9|	Ty |	-612.4|	0.0|	-4.3|	612.5|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	39671.7|	4110.7|	74.6|	-29245.0|	35.9|	-7.5|
| 12- 2|	8353.2|	10930.5|	15.3|	-6217.2|	141.9|	14.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-915.7|	0.0|	0.0|	915.7|
| 12- 2|si| 5|	Tz |	-152.4|	7.5|	0.0|	152.9|
| 6- 1|si| 9|	Ty |	-677.0|	0.0|	4.0|	677.1|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	39362.8|	3245.6|	74.6|	-29245.0|	35.9|	-18.1|
| 8- 1|	35544.8|	4104.1|	67.7|	-26353.7|	52.4|	-14.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-903.3|	0.0|	0.0|	903.3|
| 8- 1|si| 6|	Tz |	-788.6|	7.5|	0.0|	788.8|
| 6- 1|si| 9|	Ty |	-677.6|	0.0|	5.3|	677.6|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	38798.5|	2380.4|	74.6|	-29245.0|	35.9|	-28.7|
| 8- 1|	35066.1|	2840.7|	67.7|	-26353.7|	52.4|	-25.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-889.6|	0.0|	0.0|	889.6|
| 8- 1|si| 6|	Tz |	-782.9|	7.7|	0.0|	783.0|
| 6- 1|si| 9|	Ty |	-678.1|	0.0|	6.5|	678.2|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	37978.9|	1515.2|	74.6|	-29245.0|	35.9|	-39.3|
| 8- 1|	34332.1|	1577.3|	67.7|	-26353.7|	52.4|	-35.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-874.8|	0.0|	0.0|	874.8|
| 8- 1|si| 6|	Tz |	-775.9|	8.0|	0.0|	776.0|
| 6- 1|si| 9|	Ty |	-678.7|	0.0|	7.7|	678.8|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	36838.6|	937.7|	76.4|	-29276.8|	10.3|	-47.0|
| 8- 1|	33342.6|	314.0|	67.7|	-26353.7|	52.4|	-46.3|
| 6- 1|	36903.8|	650.0|	74.6|	-29245.0|	35.9|	-49.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-862.9|	0.0|	0.0|	862.9|
| 8- 1|si| 6|	Tz |	-767.8|	8.2|	0.0|	767.9|
| 6- 1|si| 9|	Ty |	-679.2|	0.0|	8.9|	679.4|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	35577.9|	689.5|	76.4|	-29276.8|	10.3|	-57.6|
| 8- 1|	32097.8|	-949.4|	67.7|	-26353.7|	52.4|	-56.9|
| 6- 1|	35573.3|	-215.2|	74.6|	-29245.0|	35.9|	-60.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-853.9|	0.0|	0.0|	853.9|
| 8- 1|si| 6|	Tz |	-758.4|	8.4|	0.0|	758.6|

Copertura area carburante - Relazione di calcolo

```

| 6- 1|si| 9| Ty | -679.8| 0.0| 10.2| 680.0|
-----
PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 33987.4| -1080.3| 74.6| -29245.0| 35.9| -71.0|
| 8- 1| 30597.5| -2212.8| 67.7| -26353.7| 52.4| -67.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -850.8| 0.0| 0.0| 850.8|
| 8- 1|si| 6| Tz | | -747.9| 8.7| 0.0| 748.1|
| 6- 1|si| 9| Ty | | -680.3| 0.0| 11.4| 680.6|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 32146.2| -1945.5| 74.6| -29245.0| 35.9| -81.6|
| 8- 1| 28841.9| -3476.2| 67.7| -26353.7| 52.4| -78.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -853.3| 0.0| 0.0| 853.3|
| 8- 1|si| 6| Tz | | -736.2| 8.9| 0.0| 736.4|
| 6- 1|si| 9| Ty | | -680.9| 0.0| 12.6| 681.2|
-----
VERIFICA STABILITA` :
|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|Im = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|Im = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -29245.0|Mzeq = 39725.2|Myeq = 3731.9|Ss = -1123.2 ( 0.429)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 641- 643) 1044
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 32146.5| -1292.3| 0.0| -16274.2| -6.7| -124.2|
| 5- 1| 32290.3| 1029.1| 0.0| -16188.9| 5.3| -125.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -543.5| 0.0| 0.0| 543.5|
| 6- 1|si| 5| Tz | | -530.7| -3.2| 0.0| 530.8|
| 5- 1|si| 9| Ty | | -375.6| 0.0| 14.5| 376.4|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 29022.1| -1130.7| 0.0| -16274.2| -6.7| -134.8|
| 5- 1| 29147.9| 900.5| 0.0| -16188.9| 5.3| -135.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -527.0| 0.0| 0.0| 527.0|
| 6- 1|si| 5| Tz | | -515.8| -3.4| 0.0| 515.8|
| 5- 1|si| 9| Ty | | -375.6| 0.0| 15.7| 376.6|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 25642.3| -969.2| 0.0| -16274.2| -6.7| -145.4|
| 5- 1| 25750.1| 771.8| 0.0| -16188.9| 5.3| -146.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -509.3| 0.0| 0.0| 509.3|
| 6- 1|si| 5| Tz | | -499.7| -3.6| 0.0| 499.7|
| 5- 1|si| 9| Ty | | -375.7| 0.0| 17.0| 376.9|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 22007.1| -807.7| 0.0| -16274.2| -6.7| -156.0|
| 5- 1| 22096.9| 643.2| 0.0| -16188.9| 5.3| -156.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -490.4| 0.0| 0.0| 490.4|
| 6- 1|si| 5| Tz | | -482.4| -3.9| 0.0| 482.5|
| 5- 1|si| 9| Ty | | -375.8| 0.0| 18.2| 377.1|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 18116.4| -646.1| 0.0| -16274.2| -6.7| -166.6|
| 5- 1| 18188.3| 514.6| 0.0| -16188.9| 5.3| -167.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -470.3| 0.0| 0.0| 470.3|
| 6- 1|si| 5| Tz | | -463.9| -4.1| 0.0| 464.0|
| 5- 1|si| 9| Ty | | -375.9| 0.0| 19.4| 377.4|
-----
PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 13970.4| -484.6| 0.0| -16274.2| -6.7| -177.1|
| 5- 1| 14024.3| 385.9| 0.0| -16188.9| 5.3| -177.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -449.1| 0.0| 0.0| 449.1|
| 6- 1|si| 5| Tz | | -444.3| -4.4| 0.0| 444.3|
| 5- 1|si| 9| Ty | | -376.0| 0.0| 20.7| 377.7|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 9569.0| -323.1| 0.0| -16274.2| -6.7| -187.7|
| 5- 1| 9605.0| 257.3| 0.0| -16188.9| 5.3| -188.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | Si | -426.6| 0.0| 0.0| 426.6|

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Copertura area carburante - Relazione di calcolo

6- 1 si 5	Tz		-423.4	-4.6	0.0	423.5		
5- 1 si 9	Ty		-376.1	0.0	21.9	378.0		
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	4912.2|		-161.5|		0.0|		-16274.2|	
| 5- 1|	4930.2|		128.6|		0.0|		-16188.9|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 6- 1|si| 1|	Sx	Si	|	-403.0|		0.0|		0.0|
| 6- 1|si| 5|	Tz	|	-401.4|		-4.9|		0.0|	401.5|
| 5- 1|si| 9|	Ty	|	-376.1|		0.0|		23.1|	378.3|
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	0.0|		0.0|		0.0|		-16274.2|	
| 5- 1|	0.0|		0.0|		0.0|		-16188.9|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 6- 1|si| 4|	Sx	Si	|	-378.2|		0.0|		0.0|
| 6- 1|si| 5|	Tz	|	-378.2|		-5.1|		0.0|	378.3|
| 5- 1|si| 9|	Ty	|	-376.2|		0.0|		24.4|	378.6|
| 6- 1|si| 9|	Si	|	-378.2|		0.0|		24.3|	380.5|

VERIFICA STABILITA` :								
|L0 = 193. |								
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|								
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|								
Caso 6- 1 - Nodo 1 - Asse Y								
Ned = -16274.2|Mzeq = 24109.9|Myeq = -969.2|Ss = -616.6 (0.235)								

P_HEB140_S006 (6) stato limite ultimo - ASTA (661- 664) 1095								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		-166.5|		-19296.6|	
| 6- 1|	0.0|		0.0|		-159.8|		-19179.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5- 1|si| 1|	Sx	Si	|	-448.4|		0.0|		0.0|
| 6- 1|si| 5|	Tz	|	-445.7|		17.9|		0.0|	446.8|
| 5- 1|si| 9|	TySi	|	-448.4|		0.0|		-34.5|	452.4|
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	5585.2|		-502.4|		-159.8|		-19179.0|	
| 5- 1|	5568.1|		-211.0|		-166.5|		-19296.6|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 6- 1|si| 1|	Sx	Si	|	-478.0|		0.0|		0.0|
| 6- 1|si| 5|	Tz	|	-473.0|		17.7|		0.0|	474.0|
| 5- 1|si| 9|	Ty	|	-448.6|		0.0|		-33.2|	452.3|
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	10915.0|		-1004.8|		-159.8|		-19179.0|	
| 5- 1|	10880.9|		-422.0|		-166.5|		-19296.6|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 6- 1|si| 1|	Sx	Si	|	-509.1|		0.0|		0.0|
| 6- 1|si| 5|	Tz	|	-499.1|		17.5|		0.0|	500.0|
| 5- 1|si| 9|	Ty	|	-448.7|		0.0|		-32.0|	452.1|
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	15989.5|		-1507.2|		-159.8|		-19179.0|	
| 5- 1|	15938.2|		-633.1|		-166.5|		-19296.6|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 6- 1|si| 1|	Sx	Si	|	-539.0|		0.0|		0.0|
| 6- 1|si| 5|	Tz	|	-524.0|		17.2|		0.0|	524.9|
| 5- 1|si| 9|	Ty	|	-448.8|		0.0|		-30.8|	452.0|
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	20808.5|		-2009.6|		-159.8|		-19179.0|	
| 5- 1|	20740.1|		-844.1|		-166.5|		-19296.6|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 6- 1|si| 1|	Sx	Si	|	-567.7|		0.0|		0.0|
| 6- 1|si| 5|	Tz	|	-547.8|		17.0|		0.0|	548.5|
| 5- 1|si| 9|	Ty	|	-449.0|		0.0|		-29.6|	451.9|
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	25372.1|		-2512.0|		-159.8|		-19179.0|	
| 5- 1|	25286.7|		-1055.1|		-166.5|		-19296.6|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 6- 1|si| 1|	Sx	Si	|	-595.2|		0.0|		0.0|
| 6- 1|si| 5|	Tz	|	-570.3|		16.7|		0.0|	571.0|
| 5- 1|si| 9|	Ty	|	-449.1|		0.0|		-28.3|	451.8|
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	29680.4|		-3014.4|		-159.8|		-19179.0|	
5- 1	29577.8		-1266.1		-166.5		-19296.6	
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -621.6| 0.0| 0.0| 621.6|
| 6- 1|si| 5| Tz | -591.7| 16.5| 0.0| 592.4|
| 5- 1|si| 9| Ty | -449.2| 0.0| -27.1| 451.7|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 33733.2| -3516.8| -159.8| -19179.0| 20.8| 162.7|
| 5- 1| 33613.6| -1477.1| -166.5| -19296.6| 8.7| 162.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -646.7| 0.0| 0.0| 646.7|
| 6- 1|si| 5| Tz | -611.9| 16.2| 0.0| 612.5|
| 5- 1|si| 9| Ty | -449.4| 0.0| -25.9| 451.6|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 37530.7| -4019.2| -159.8| -19179.0| 20.8| 152.1|
| 5- 1| 37393.9| -1688.1| -166.5| -19296.6| 8.7| 151.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -670.7| 0.0| 0.0| 670.7|
| 6- 1|si| 5| Tz | -630.9| 16.0| 0.0| 631.5|
| 5- 1|si| 9| Ty | -449.5| 0.0| -24.6| 451.5|
-----
VERIFICA STABILITA' :
|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -19179.0|Mzeq = 28148.0|Myeq = -3014.4|Ss = -751.5 ( 0.287)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 664- 666) 1097
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 37513.9| -3562.2| 96.7| -34066.4| -31.7| 91.6|
| 5- 1| 37377.3| -1513.2| 95.0| -34095.1| -6.9| 94.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1010.8| 0.0| 0.0| 1010.8|
| 6- 1|si| 6| Tz | -955.4| -10.5| 0.0| 955.6|
| 5- 1|si| 9| Ty | -793.3| 0.0| -15.0| 793.7|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 39595.9| -2796.9| 96.7| -34066.4| -31.7| 81.0|
| 5- 1| 39525.4| -1347.5| 95.0| -34095.1| -6.9| 83.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1010.7| 0.0| 0.0| 1010.7|
| 6- 1|si| 6| Tz | -967.2| -10.2| 0.0| 967.4|
| 5- 1|si| 9| Ty | -793.2| 0.0| -13.7| 793.6|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 41422.5| -2031.7| 96.7| -34066.4| -31.7| 70.4|
| 5- 1| 41418.1| -1181.9| 95.0| -34095.1| -6.9| 73.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1009.4| 0.0| 0.0| 1009.4|
| 6- 1|si| 6| Tz | -977.8| -10.0| 0.0| 978.0|
| 5- 1|si| 9| Ty | -793.1| 0.0| -12.5| 793.4|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 42993.7| -1266.4| 96.7| -34066.4| -31.7| 59.8|
| 5- 1| 43055.4| -1016.3| 95.0| -34095.1| -6.9| 62.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1006.9| 0.0| 0.0| 1006.9|
| 6- 1|si| 6| Tz | -987.2| -9.7| 0.0| 987.4|
| 5- 1|si| 9| Ty | -793.0| 0.0| -11.3| 793.2|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 44437.3| -850.6| 95.0| -34095.1| -6.9| 52.0|
| 6- 1| 44309.5| -501.2| 96.7| -34066.4| -31.7| 49.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -1009.0| 0.0| 0.0| 1009.0|
| 6- 1|si| 6| Tz | -995.5| -9.5| 0.0| 995.6|
| 5- 1|si| 9| Ty | -792.9| 0.0| -10.1| 793.1|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45563.8| -685.0| 95.0| -34095.1| -6.9| 41.4|
| 6- 1| 45369.9| 264.0| 96.7| -34066.4| -31.7| 38.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -1012.1| 0.0| 0.0| 1012.1|
| 6- 1|si| 6| Tz | -1002.6| -9.3| 0.0| 1002.7|
| 5- 1|si| 9| Ty | -792.8| 0.0| -8.8| 792.9|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 46174.9| 1029.3| 96.7| -34066.4| -31.7| 28.1|
| 5- 1| 46434.9| -519.3| 95.0| -34095.1| -6.9| 30.8|

```

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1018.7| 0.0| 0.0| 1018.7|
| 6- 1|si| 6| Tz | -1008.5| -9.0| 0.0| 1008.6|
| 5- 1|si| 9| Ty | -792.7| 0.0| -7.6| 792.8|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 46724.5| 1794.5| 96.7| -34066.4| -31.7| 17.5|
| 5- 1| 47050.6| -353.7| 95.0| -34095.1| -6.9| 20.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1030.9| 0.0| 0.0| 1030.9|
| 6- 1|si| 6| Tz | -1013.2| -8.8| 0.0| 1013.3|
| 5- 1|si| 9| Ty | -792.6| 0.0| -6.4| 792.7|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 47018.7| 2559.7| 96.7| -34066.4| -31.7| 6.9|
| 5- 1| 47410.9| -188.1| 95.0| -34095.1| -6.9| 9.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1042.1| 0.0| 0.0| 1042.1|
| 6- 1|si| 6| Tz | -1016.7| -8.5| 0.0| 1016.8|
| 5- 1|si| 9| Ty | -792.5| 0.0| -5.1| 792.5|
-----
VERIFICA STABILITA` :
|L0 = 193.
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -34066.4|Mzeq = 47018.7|Myeq = -2671.6|Ss = -1290.4 ( 0.493)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 666- 668) 1099
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 47008.5| 2766.9| 59.1| -39382.5| 32.4| 90.8|
| 8- 1| 42384.1| 4714.7| 53.3| -35541.8| 47.1| 85.2|
| 5- 1| 47400.2| -347.6| 61.0| -39497.7| 7.0| 90.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1168.2| 0.0| 0.0| 1168.2|
| 8- 1|si| 5| Tz | -1009.0| 7.8| 0.0| 1009.1|
| 5- 1|si| 9| Ty | -918.1| 0.0| -13.1| 918.4|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 49071.2| 1985.4| 59.1| -39382.5| 32.4| 80.2|
| 8- 1| 44311.5| 3578.5| 53.3| -35541.8| 47.1| 74.6|
| 5- 1| 49447.2| -515.8| 61.0| -39497.7| 7.0| 79.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1167.8| 0.0| 0.0| 1167.8|
| 8- 1|si| 5| Tz | -1021.1| 7.6| 0.0| 1021.2|
| 5- 1|si| 9| Ty | -918.2| 0.0| -11.8| 918.5|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 50878.4| 1203.9| 59.1| -39382.5| 32.4| 69.6|
| 8- 1| 45983.5| 2442.4| 53.3| -35541.8| 47.1| 64.0|
| 5- 1| 51238.9| -683.9| 61.0| -39497.7| 7.0| 69.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1166.2| 0.0| 0.0| 1166.2|
| 8- 1|si| 5| Tz | -1032.1| 7.3| 0.0| 1032.1|
| 5- 1|si| 9| Ty | -918.3| 0.0| -10.6| 918.5|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 52775.1| -852.1| 61.0| -39497.7| 7.0| 58.4|
| 8- 1| 47400.1| 1306.2| 53.3| -35541.8| 47.1| 53.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1173.2| 0.0| 0.0| 1173.2|
| 8- 1|si| 5| Tz | -1041.8| 7.1| 0.0| 1041.9|
| 5- 1|si| 9| Ty | -918.4| 0.0| -9.4| 918.6|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 54056.0| -1020.3| 61.0| -39497.7| 7.0| 47.8|
| 8- 1| 48561.3| 170.1| 53.3| -35541.8| 47.1| 42.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1181.3| 0.0| 0.0| 1181.3|
| 8- 1|si| 5| Tz | -1050.4| 6.9| 0.0| 1050.5|
| 5- 1|si| 9| Ty | -918.6| 0.0| -8.1| 918.7|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 55081.4| -1188.4| 61.0| -39497.7| 7.0| 37.2|
| 8- 1| 49467.1| -966.0| 53.3| -35541.8| 47.1| 32.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1188.2| 0.0| 0.0| 1188.2|
| 8- 1|si| 5| Tz | -1057.8| 6.6| 0.0| 1057.9|
| 5- 1|si| 9| Ty | -918.7| 0.0| -6.9| 918.7|
-----
PROGR. 145.

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Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	5553.3	-1922.2	59.1	-39382.5	32.4	27.3		
8-1	50117.5	-2102.2	53.3	-35541.8	47.1	21.7		
5-1	55851.5	-1356.6	61.0	-39497.7	7.0	26.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	|1	|Sx	Si	-1197.0	0.0	0.0	1197.0
8-1	|si	|5	|Tz		-1064.0	6.4	0.0	1064.1
5-1	|si	|9	|Ty		-918.8	0.0	-5.7	918.8
							PROGR.	169.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	56083.6	-2703.7	59.1	-39382.5	32.4	16.7		
8-1	50512.6	-3238.3	53.3	-35541.8	47.1	11.1		
5-1	56366.1	-1524.7	61.0	-39497.7	7.0	16.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	|1	|Sx	Si	-1209.4	0.0	0.0	1209.4
8-1	|si	|5	|Tz		-1069.1	6.1	0.0	1069.1
5-1	|si	|9	|Ty		-918.9	0.0	-4.4	918.9
							PROGR.	193.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	56358.4	-3485.2	59.1	-39382.5	32.4	6.1		
12-1	11523.4	-6822.3	12.1	-8680.2	110.6	-28.1		
8-2	9070.6	1941.8	11.7	-7420.3	-32.1	-37.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	|1	|Sx	Si	-1220.6	0.0	0.0	1220.6
12-1	|si	|6	|Tz		-235.9	6.2	0.0	236.1
8-2	|si	|9	|Ty		-171.2	0.0	4.9	171.4
VERIFICA STABILITA` :								
|L0 = 193.								
Z	|Lc = 193.	|Ro = 5.93	|lm = 32.6	|Ncr= 840959.4	|alfa(b)=0.3400	|ki=0.9358		
Y	|Lc = 193.	|Ro = 3.57	|lm = 54.0	|Ncr= 305877.6	|alfa(c)=0.4900	|ki=0.7723		
Caso 6-1 - Nodo 1 - Asse Y								
Ned = -39382.5 | Mzeq = 56358.4 | Myeq = -2613.9 | Ss = -1497.2 (0.572)								
P_HEB140_S006 (6) stato limite ultimo - ASTA (668- 670) 1101								
							PROGR.	0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	56353.6	-3442.2	18.2	-42915.8	-16.2	-8.1		
5-1	56619.9	-2183.5	22.0	-42955.7	-11.1	-9.5		
7-2	8625.7	-487.3	-2.7	-8064.8	-1.7	38.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	|1	|Sx	Si	-1302.2	0.0	0.0	1302.2
5-1	|si	|5	|Tz		-1266.7	-2.3	0.0	1266.7
7-2	|si	|9	|Ty		-187.7	0.0	-4.6	187.9
							PROGR.	24.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	56031.0	-3051.1	18.2	-42915.8	-16.2	-18.7		
5-1	56262.3	-1915.4	22.0	-42955.7	-11.1	-20.1		
7-2	9422.2	-445.3	-2.7	-8064.8	-1.7	27.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	|1	|Sx	Si	-1295.7	0.0	0.0	1295.7
5-1	|si	|5	|Tz		-1264.3	-2.5	0.0	1264.3
7-2	|si	|9	|Ty		-187.7	0.0	-3.3	187.8
							PROGR.	48.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	55453.0	-2660.0	18.2	-42915.8	-16.2	-29.3		
5-1	55649.3	-1647.3	22.0	-42955.7	-11.1	-30.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	|1	|Sx	Si	-1288.0	0.0	0.0	1288.0
5-1	|si	|5	|Tz		-1260.7	-2.8	0.0	1260.7
5-1	|si	|9	|Ty		-999.3	0.0	4.5	999.3
							PROGR.	72.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	54619.7	-2268.8	18.2	-42915.8	-16.2	-39.8		
5-1	54781.0	-1379.2	22.0	-42955.7	-11.1	-41.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	|1	|Sx	Si	-1279.2	0.0	0.0	1279.2
5-1	|si	|5	|Tz		-1255.9	-3.0	0.0	1255.9
5-1	|si	|9	|Ty		-999.1	0.0	5.7	999.2
							PROGR.	96.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	53530.9	-1877.7	18.2	-42915.8	-16.2	-50.4		
5-1	53657.2	-1111.1	22.0	-42955.7	-11.1	-51.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	|1	|Sx	Si	-1269.2	0.0	0.0	1269.2
5-1	|si	|5	|Tz		-1249.9	-3.3	0.0	1249.9
5-1	|si	|9	|Ty		-999.0	0.0	7.0	999.0
							PROGR.	121.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	52186.8	-1486.6	18.2	-42915.8	-16.2	-61.0		
5-1	52278.0	-843.0	22.0	-42955.7	-11.1	-62.5		

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1258.0| 0.0| 0.0| 1258.0|
| 5- 1|si| 5| Tz | | -1242.8| -3.5| 0.0| 1242.8|
| 5- 1|si| 9| Ty | | -998.8| 0.0| 8.2| 998.9|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 50587.2| -1095.5| 18.2| -42915.8| -16.2| -71.6|
| 5- 1| 50643.4| -574.9| 22.0| -42955.7| -11.1| -73.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1245.6| 0.0| 0.0| 1245.6|
| 5- 1|si| 5| Tz | | -1234.4| -3.7| 0.0| 1234.5|
| 5- 1|si| 9| Ty | | -998.6| 0.0| 9.4| 998.8|
-----
PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 48732.3| -704.4| 18.2| -42915.8| -16.2| -82.2|
| 5- 1| 48753.4| -306.9| 22.0| -42955.7| -11.1| -83.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1232.0| 0.0| 0.0| 1232.0|
| 5- 1|si| 5| Tz | | -1224.9| -4.0| 0.0| 1225.0|
| 5- 1|si| 9| Ty | | -998.5| 0.0| 10.6| 998.6|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 46621.9| -313.3| 18.2| -42915.8| -16.2| -92.8|
| 5- 1| 46608.1| -38.8| 22.0| -42955.7| -11.1| -94.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1217.3| 0.0| 0.0| 1217.3|
| 5- 1|si| 5| Tz | | -1214.2| -4.2| 0.0| 1214.3|
| 5- 1|si| 9| Ty | | -998.3| 0.0| 11.9| 998.5|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -42915.8|Mzeq = 56353.6|Myeq = -2581.6|Ss = -1604.7 ( 0.613)
P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 670- 672) 1103
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46607.6| -863.5| -12.5| -42981.8| -8.4| 98.7|
| 6- 1| 46622.0| -802.0| -16.4| -42914.4| -0.6| 97.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1225.7| 0.0| 0.0| 1225.7|
| 5- 1|si| 6| Tz | | -1212.3| -3.5| 0.0| 1212.3|
| 6- 1|si| 9| Ty | | -997.8| 0.0| -12.1| 998.0|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 48856.8| -787.3| -16.4| -42914.4| -0.6| 87.3|
| 5- 1| 48859.9| -660.0| -12.5| -42981.8| -8.4| 88.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1233.6| 0.0| 0.0| 1233.6|
| 5- 1|si| 6| Tz | | -1223.3| -3.3| 0.0| 1223.3|
| 6- 1|si| 9| Ty | | -997.8| 0.0| -10.8| 998.0|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 50836.2| -772.6| -16.4| -42914.4| -0.6| 76.8|
| 12-16| 10991.0| 2413.6| -5.9| -9193.1| -48.4| 26.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1242.6| 0.0| 0.0| 1242.6|
| 12-16|si| 6| Tz | | -271.4| -3.1| 0.0| 271.4|
| 6- 1|si| 9| Ty | | -997.8| 0.0| -9.6| 997.9|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 52560.2| -758.0| -16.4| -42914.4| -0.6| 66.2|
| 12-16| 11538.9| 3582.3| -5.9| -9193.1| -48.4| 18.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1250.4| 0.0| 0.0| 1250.4|
| 12-16|si| 6| Tz | | -277.2| -2.9| 0.0| 277.2|
| 6- 1|si| 9| Ty | | -997.8| 0.0| -8.4| 997.9|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 54028.8| -743.3| -16.4| -42914.4| -0.6| 55.6|
| 12-16| 11890.3| 4751.0| -5.9| -9193.1| -48.4| 10.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1257.0| 0.0| 0.0| 1257.0|
| 12-16|si| 6| Tz | | -282.1| -2.7| 0.0| 282.1|
| 6- 1|si| 9| Ty | | -997.8| 0.0| -7.2| 997.9|
-----
PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 55242.0| -728.6| -16.4| -42914.4| -0.6| 45.0|

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Copertura area carburante - Relazione di calcolo

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| 12-16|      12045.2| 5919.7|      -5.9| -9193.1|      -48.4|      2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1262.4| 0.0| 0.0| 1262.4|
| 12-16|si| 6| Tz | -286.1| -2.5| 0.0| 286.2|
| 6- 1|si| 9| Ty | -997.8| 0.0| -5.9| 997.8|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 56199.8| -714.0| -16.4| -42914.4| -0.6| 34.4|
| 12-16| 12003.7| 7088.4| -5.9| -9193.1| -48.4| -5.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1266.7| 0.0| 0.0| 1266.7|
| 12-16|si| 5| Tz | -249.3| -2.6| 0.0| 249.3|
| 6- 1|si| 9| Ty | -997.8| 0.0| -4.7| 997.8|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 57010.2| 561.3| -12.5| -42981.8| -8.4| 24.5|
| 12-16| 11765.7| 8257.1| -5.9| -9193.1| -48.4| -13.9|
| 6- 1| 56902.2| -699.3| -16.4| -42914.4| -0.6| 23.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1270.1| 0.0| 0.0| 1270.1|
| 12-16|si| 5| Tz | -244.9| -2.8| 0.0| 244.9|
| 6- 1|si| 9| Ty | -997.8| 0.0| -3.5| 997.8|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 57474.7| 764.9| -12.5| -42981.8| -8.4| 14.0|
| 12-16| 11331.3| 9425.8| -5.9| -9193.1| -48.4| -22.1|
| 7- 2| 9099.9| -171.7| -9.5| -8018.7| 2.5| -35.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1274.8| 0.0| 0.0| 1274.8|
| 12-16|si| 5| Tz | -239.5| -3.0| 0.0| 239.6|
| 7- 2|si| 9| Ty | -186.5| 0.0| 4.6| 186.6|
-----
VERIFICA STABILITA` :
|L0 = 193.1|
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -42981.8|Mzeq = 57474.7|Myeq = -647.7|Ss = -1583.5 ( 0.605)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 672- 674) 1105
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 57354.8| -1398.5| -54.1| -40329.0| -39.4| -8.7|
| 12-11| 11334.4| 10084.7| -12.0| -8685.2| 131.6| 28.2|
| 7- 2| 9101.6| 301.6| -15.9| -7700.5| -1.8| 39.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1220.7| 0.0| 0.0| 1220.7|
| 12-11|si| 5| Tz | -225.9| 7.1| 0.0| 226.2|
| 7- 2|si| 9| Ty | -178.8| 0.0| -5.2| 179.0|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 57016.2| -448.9| -54.1| -40329.0| -39.4| -19.3|
| 12-11| 11916.9| 6909.3| -12.0| -8685.2| 131.6| 20.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1207.0| 0.0| 0.0| 1207.0|
| 12-11|si| 5| Tz | -237.6| 6.9| 0.0| 237.9|
| 6- 1|si| 9| Ty | -937.5| 0.0| 4.5| 937.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 56523.8| 813.0| -50.9| -40318.8| -19.1| -30.4|
| 12-11| 12302.9| 3733.9| -12.0| -8685.2| 131.6| 11.9|
| 6- 1| 56422.2| 500.7| -54.1| -40329.0| -39.4| -29.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1209.1| 0.0| 0.0| 1209.1|
| 12-11|si| 5| Tz | -248.3| 6.7| 0.0| 248.6|
| 6- 1|si| 9| Ty | -936.9| 0.0| 5.8| 937.0|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 55572.9| 1450.3| -54.1| -40329.0| -39.4| -40.5|
| 8- 1| 50163.6| 1370.4| -48.8| -36390.7| -54.0| -35.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -1213.1| 0.0| 0.0| 1213.1|
| 8- 1|si| 5| Tz | -1074.2| -6.6| 0.0| 1074.2|
| 6- 1|si| 9| Ty | -936.3| 0.0| 7.0| 936.4|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 54468.1| 2399.9| -54.1| -40329.0| -39.4| -51.1|
| 8- 1| 49187.4| 2672.6| -48.8| -36390.7| -54.0| -45.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -1220.1| 0.0| 0.0| 1220.1|
| 8- 1|si| 5| Tz | -1066.0| -6.9| 0.0| 1066.0|

```


Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9| Ty | -935.7| 0.0| 8.2| 935.8|
----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	53107.9	3349.5	-54.1	-40329.0	-39.4	-61.7
8- 1	47955.7	3974.7	-48.8	-36390.7	-54.0	-56.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1225.8	0.0	0.0	1225.8
8- 1	si	5	Tz		-1056.6	-7.1	0.0	1056.7
6- 1	si	9	Ty		-935.1	0.0	9.5	935.2

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	51492.3	4299.1	-54.1	-40329.0	-39.4	-72.3
8- 1	46468.6	5276.8	-48.8	-36390.7	-54.0	-66.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1230.5	0.0	0.0	1230.5
8- 1	si	5	Tz		-1046.0	-7.4	0.0	1046.1
6- 1	si	9	Ty		-934.5	0.0	10.7	934.7

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	49621.4	5248.7	-54.1	-40329.0	-39.4	-82.8
8- 1	44726.2	6578.9	-48.8	-36390.7	-54.0	-77.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1233.9	0.0	0.0	1233.9
8- 1	si	5	Tz		-1034.3	-7.6	0.0	1034.4
6- 1	si	9	Ty		-933.9	0.0	11.9	934.1

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	47495.0	6198.3	-54.1	-40329.0	-39.4	-93.4
8- 1	42728.4	7881.0	-48.8	-36390.7	-54.0	-88.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1236.1	0.0	0.0	1236.1
8- 1	si	5	Tz		-1021.4	-7.9	0.0	1021.5
6- 1	si	9	Ty		-933.3	0.0	13.1	933.6

VERIFICA STABILITA' :

|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -40329.0|Mzeq = 57354.8|Myeq = 4648.7|Ss = -1560.8 (0.596)

P_HEB140_S006 (6) stato limite ultimo - ASTA (674- 676) 1107
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	47506.6	6041.2	-92.0	-30587.8	37.3	-33.1
5- 1	47537.9	3087.0	-91.4	-30570.7	9.0	-34.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-1007.8	0.0	0.0	1007.8
6- 1	si	6	Tz		-947.9	9.0	0.0	948.0
5- 1	si	9	Ty		-708.5	0.0	7.9	708.6

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	46580.2	5142.2	-92.0	-30587.8	37.3	-43.7
5- 1	46572.8	2870.8	-91.4	-30570.7	9.0	-45.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-992.1	0.0	0.0	992.1
6- 1	si	6	Tz		-941.1	9.3	0.0	941.2
5- 1	si	9	Ty		-708.6	0.0	9.1	708.8

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	45398.5	4243.1	-92.0	-30587.8	37.3	-54.3
5- 1	45352.4	2654.7	-91.4	-30570.7	9.0	-55.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-975.1	0.0	0.0	975.1
6- 1	si	6	Tz		-933.1	9.5	0.0	933.2
5- 1	si	9	Ty		-708.8	0.0	10.4	709.0

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	43961.4	3344.0	-92.0	-30587.8	37.3	-64.9
5- 1	43876.5	2438.5	-91.4	-30570.7	9.0	-66.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-957.0	0.0	0.0	957.0
6- 1	si	6	Tz		-923.9	9.7	0.0	924.0
5- 1	si	9	Ty		-708.9	0.0	11.6	709.2

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	42268.9	2445.0	-92.0	-30587.8	37.3	-75.4
5- 1	42145.3	2222.3	-91.4	-30570.7	9.0	-77.1

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx | Si| -937.8| 0.0| 0.0| 937.8|

Copertura area carburante - Relazione di calcolo

6-1	si	6	Tz	-913.5	10.0	0.0	913.7
5-1	si	9	Ty	-709.0	0.0	12.8	709.4

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	40158.6	2006.1	-91.4	-30570.7	9.0	-87.6
6-1	40321.0	1545.9	-92.0	-30587.8	37.3	-86.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-922.0	0.0	0.0	922.0
6-1	si	6	Tz		-902.0	10.2	0.0	902.1
5-1	si	9	Ty		-709.2	0.0	14.0	709.6

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	37916.6	1790.0	-91.4	-30570.7	9.0	-98.2
6-1	38117.7	646.9	-92.0	-30587.8	37.3	-96.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-908.9	0.0	0.0	908.9
6-1	si	6	Tz		-889.2	10.5	0.0	889.4
5-1	si	9	Ty		-709.3	0.0	15.3	709.8

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	35419.1	1573.8	-91.4	-30570.7	9.0	-108.8
6-1	35658.9	-252.2	-92.0	-30587.8	37.3	-107.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-894.5	0.0	0.0	894.5
6-1	si	6	Tz		-875.3	10.7	0.0	875.5
5-1	si	9	Ty		-709.4	0.0	16.5	710.0

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	32666.3	1357.6	-91.4	-30570.7	9.0	-119.4
6-1	32944.8	-1151.3	-92.0	-30587.8	37.3	-117.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-879.0	0.0	0.0	879.0
6-1	si	6	Tz		-860.2	11.0	0.0	860.4
5-1	si	9	Ty		-709.6	0.0	17.7	710.2

VERIFICA STABILITA` :

|L0 = 193.
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -30587.8 |Mzeq = 47506.6 |Myeq = 4530.9 |Ss = -1212.9 (0.463)

P_HEB140_S006 (6) stato limite ultimo - ASTA (676- 678) 1109
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	32683.7	1280.1	0.0	-16649.7	6.6	-127.0
6-1	32961.6	-836.2	0.0	-16730.2	-4.3	-128.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-554.6	0.0	0.0	554.6
5-1	si	6	Tz		-541.9	3.2	0.0	541.9
6-1	si	9	Ty		-389.3	0.0	14.9	390.2

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	29492.1	1120.1	0.0	-16649.7	6.6	-137.6
6-1	29735.3	-731.7	0.0	-16730.2	-4.3	-139.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-537.8	0.0	0.0	537.8
5-1	si	6	Tz		-526.7	3.5	0.0	526.7
6-1	si	9	Ty		-389.3	0.0	16.2	390.3

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	26045.2	960.1	0.0	-16649.7	6.6	-148.2
6-1	26253.6	-627.2	0.0	-16730.2	-4.3	-149.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-519.8	0.0	0.0	519.8
5-1	si	6	Tz		-510.3	3.7	0.0	510.3
6-1	si	9	Ty		-389.2	0.0	17.4	390.4

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	22342.8	800.1	0.0	-16649.7	6.6	-158.8
6-1	22516.5	-522.7	0.0	-16730.2	-4.3	-160.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-500.6	0.0	0.0	500.6
5-1	si	6	Tz		-492.7	3.9	0.0	492.7
6-1	si	9	Ty		-389.1	0.0	18.6	390.5

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	18385.0	640.1	0.0	-16649.7	6.6	-169.3
6-1	18524.0	-418.1	0.0	-16730.2	-4.3	-170.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

5- 1 si 2 Sx	Si	-480.2	0.0	0.0	480.2	
| 5- 1|si| 6| Tz		-473.9|	4.2|	0.0|	473.9|	
| 6- 1|si| 9| Ty		-389.1|	0.0|	19.8|	390.6|	

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	14276.1|	-313.6|	0.0|	-16730.2|	-4.3|	-181.4|
| 5- 1|	14171.9|	480.1|	0.0|	-16649.7|	6.6|	-179.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-458.9|	0.0|	0.0|	458.9|
| 5- 1|si| 6| Tz		-453.9|	4.4|	0.0|	454.0|
| 6- 1|si| 9| Ty		-389.0|	0.0|	21.1|	390.7|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	9772.8|	-209.1|	0.0|	-16730.2|	-4.3|	-192.0|
| 5- 1|	9703.3|	320.0|	0.0|	-16649.7|	6.6|	-190.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-436.7|	0.0|	0.0|	436.7|
| 5- 1|si| 6| Tz		-432.8|	4.7|	0.0|	432.9|
| 6- 1|si| 9| Ty		-388.9|	0.0|	22.3|	390.8|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	5014.1|	-104.5|	0.0|	-16730.2|	-4.3|	-202.5|
| 5- 1|	4979.4|	160.0|	0.0|	-16649.7|	6.6|	-201.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-413.4|	0.0|	0.0|	413.4|
| 5- 1|si| 6| Tz		-410.4|	4.9|	0.0|	410.5|
| 6- 1|si| 9| Ty		-388.9|	0.0|	23.5|	391.0|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-16730.2|	-4.3|	-213.1|
| 5- 1|	0.0|	0.0|	0.0|	-16649.7|	6.6|	-211.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 4|Sx	Si	-388.8|	0.0|	0.0|	388.8|
| 5- 1|si| 6| Tz		-386.9|	5.2|	0.0|	387.0|
| 6- 1|si| 9| TySi		-388.8|	0.0|	24.8|	391.2|

VERIFICA STABILITA` :

|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -16649.7|Mzeq = 24512.8|Myeq = 960.1|Ss = -629.8 (0.240)

P_IPE80_S008 (8) stato limite ultimo - ASTA (355- 347) 641 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-6788.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6367.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-886.6|	0.0|	0.0|	886.6|
| 5- 1|si| 6| Tz		-831.7|	0.0|	0.0|	831.7|
| 5- 1|si| 9| Ty		-831.7|	0.0|	0.0|	831.7|

----- PROGR. 11.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-6787.4|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6366.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	-886.5|	0.0|	0.0|	886.5|
| 5- 1|si| 6| Tz		-831.5|	0.0|	0.0|	831.5|
| 5- 1|si| 9| Ty		-831.5|	0.0|	0.0|	831.5|

----- PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-6786.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6365.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 4|Sx	Si	-886.4|	0.0|	0.0|	886.4|
| 5- 1|si| 6| Tz		-831.4|	0.0|	0.0|	831.4|
| 5- 1|si| 9| Ty		-831.4|	0.0|	0.0|	831.4|

----- PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-6785.7|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6364.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 4|Sx	Si	-886.3|	0.0|	0.0|	886.3|
| 5- 1|si| 6| Tz		-831.3|	0.0|	0.0|	831.3|
| 5- 1|si| 9| Ty		-831.3|	0.0|	0.0|	831.3|

----- PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-6784.8|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6363.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -886.2| 0.0| 0.0| 886.2|
| 5- 1|si| 6| Tz | -831.2| 0.0| 0.0| 831.2|
| 5- 1|si| 9| Ty | -831.2| 0.0| 0.0| 831.2|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6784.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6363.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -886.1| 0.0| 0.0| 886.1|
| 5- 1|si| 6| Tz | -831.1| 0.0| 0.0| 831.1|
| 5- 1|si| 9| Ty | -831.1| 0.0| 0.0| 831.1|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6783.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6362.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -886.0| 0.0| 0.0| 886.0|
| 5- 1|si| 6| Tz | -831.0| 0.0| 0.0| 831.0|
| 5- 1|si| 9| Ty | -831.0| 0.0| 0.0| 831.0|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6782.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6361.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -885.8| 0.0| 0.0| 885.8|
| 5- 1|si| 6| Tz | -830.9| 0.0| 0.0| 830.9|
| 5- 1|si| 9| Ty | -830.9| 0.0| 0.0| 830.9|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6781.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6360.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -885.7| 0.0| 0.0| 885.7|
| 5- 1|si| 6| Tz | -830.8| 0.0| 0.0| 830.8|
| 5- 1|si| 9| Ty | -830.8| 0.0| 0.0| 830.8|
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -6788.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1427.9 ( 0.545)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 356- 348) 643
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -4797.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4404.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -626.6| 0.0| 0.0| 626.6|
| 5- 1|si| 6| Tz | -575.3| 0.0| 0.0| 575.3|
| 5- 1|si| 9| Ty | -575.3| 0.0| 0.0| 575.3|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -4796.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4403.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -626.5| 0.0| 0.0| 626.5|
| 5- 1|si| 6| Tz | -575.2| 0.0| 0.0| 575.2|
| 5- 1|si| 9| Ty | -575.2| 0.0| 0.0| 575.2|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -4795.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4403.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -626.3| 0.0| 0.0| 626.3|
| 5- 1|si| 6| Tz | -575.1| 0.0| 0.0| 575.1|
| 5- 1|si| 9| Ty | -575.1| 0.0| 0.0| 575.1|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -4794.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4402.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -626.2| 0.0| 0.0| 626.2|
| 5- 1|si| 6| Tz | -575.0| 0.0| 0.0| 575.0|
| 5- 1|si| 9| Ty | -575.0| 0.0| 0.0| 575.0|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -4793.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4401.3| 0.0| 0.0|

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -626.1| 0.0| 0.0| 626.1|
| 5- 1|si| 6| Tz | -574.9| 0.0| 0.0| 574.9|
| 5- 1|si| 9| Ty | -574.9| 0.0| 0.0| 574.9|
----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4792.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -4400.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -626.0| 0.0| 0.0| 626.0|
| 5- 1|si| 6| Tz | -574.8| 0.0| 0.0| 574.8|
| 5- 1|si| 9| Ty | -574.8| 0.0| 0.0| 574.8|
----- PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4792.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -4399.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -625.9| 0.0| 0.0| 625.9|
| 5- 1|si| 6| Tz | -574.6| 0.0| 0.0| 574.6|
| 5- 1|si| 9| Ty | -574.6| 0.0| 0.0| 574.6|
----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4791.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -4398.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -625.8| 0.0| 0.0| 625.8|
| 5- 1|si| 6| Tz | -574.5| 0.0| 0.0| 574.5|
| 5- 1|si| 9| Ty | -574.5| 0.0| 0.0| 574.5|
----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4790.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -4397.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -625.7| 0.0| 0.0| 625.7|
| 5- 1|si| 6| Tz | -574.4| 0.0| 0.0| 574.4|
| 5- 1|si| 9| Ty | -574.4| 0.0| 0.0| 574.4|
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -4797.1|Mzeq = 0.0|Myeq = 0.0|Ss = -1009.0 ( 0.385)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 357- 349) 645
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2886.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -2492.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -377.0| 0.0| 0.0| 377.0|
| 6- 1|si| 6| Tz | -377.0| 0.0| 0.0| 377.0|
| 5- 1|si| 9| Ty | -325.5| 0.0| 0.0| 325.5|
----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2885.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -2491.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -376.9| 0.0| 0.0| 376.9|
| 6- 1|si| 6| Tz | -376.9| 0.0| 0.0| 376.9|
| 5- 1|si| 9| Ty | -325.4| 0.0| 0.0| 325.4|
----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2884.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -2490.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -376.8| 0.0| 0.0| 376.8|
| 6- 1|si| 6| Tz | -376.8| 0.0| 0.0| 376.8|
| 5- 1|si| 9| Ty | -325.3| 0.0| 0.0| 325.3|
----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2884.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -2489.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -376.7| 0.0| 0.0| 376.7|
| 6- 1|si| 6| Tz | -376.7| 0.0| 0.0| 376.7|
| 5- 1|si| 9| Ty | -325.2| 0.0| 0.0| 325.2|
----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -2883.2| 0.0| 0.0|

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Copertura area carburante - Relazione di calcolo

5- 1	0.0	0.0	0.0	-2488.8	0.0	0.0
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 4 |	Sx |	-376.6 |	0.0 |	0.0 |	376.6 |
| 6- 1 |	|si| 6 |	Tz |	-376.6 |	0.0 |	0.0 |	376.6 |
| 5- 1 |	|si| 9 |	Ty |	-325.1 |	0.0 |	0.0 |	325.1 |

PROGR. 55.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	0.0 |	0.0 |	0.0 |	-2882.4 |	0.0 |	0.0 |
| 5- 1 |	0.0 |	0.0 |	0.0 |	-2488.0 |	0.0 |	0.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 4 |	Sx |	-376.5 |	0.0 |	0.0 |	376.5 |
| 6- 1 |	|si| 6 |	Tz |	-376.5 |	0.0 |	0.0 |	376.5 |
| 5- 1 |	|si| 9 |	Ty |	-325.0 |	0.0 |	0.0 |	325.0 |

PROGR. 66.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	0.0 |	0.0 |	0.0 |	-2881.5 |	0.0 |	0.0 |
| 5- 1 |	0.0 |	0.0 |	0.0 |	-2487.1 |	0.0 |	0.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 4 |	Sx |	-376.4 |	0.0 |	0.0 |	376.4 |
| 6- 1 |	|si| 6 |	Tz |	-376.4 |	0.0 |	0.0 |	376.4 |
| 5- 1 |	|si| 9 |	Ty |	-324.8 |	0.0 |	0.0 |	324.8 |

PROGR. 77.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	0.0 |	0.0 |	0.0 |	-2880.7 |	0.0 |	0.0 |
| 5- 1 |	0.0 |	0.0 |	0.0 |	-2486.3 |	0.0 |	0.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 4 |	Sx |	-376.2 |	0.0 |	0.0 |	376.2 |
| 6- 1 |	|si| 6 |	Tz |	-376.2 |	0.0 |	0.0 |	376.2 |
| 5- 1 |	|si| 9 |	Ty |	-324.7 |	0.0 |	0.0 |	324.7 |

PROGR. 88.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	0.0 |	0.0 |	0.0 |	-2879.8 |	0.0 |	0.0 |
| 5- 1 |	0.0 |	0.0 |	0.0 |	-2485.4 |	0.0 |	0.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 4 |	Sx |	-376.1 |	0.0 |	0.0 |	376.1 |
| 6- 1 |	|si| 6 |	Tz |	-376.1 |	0.0 |	0.0 |	376.1 |
| 5- 1 |	|si| 9 |	Ty |	-324.6 |	0.0 |	0.0 |	324.6 |

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -2886.6 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -607.2 (0.232)

P_IPER80_S008 (8) stato limite ultimo - ASTA (359- 351) 649
 PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	0.0 |	0.0 |	0.0 |	-3240.0 |	0.0 |	0.0 |
| 12-11 |	0.0 |	0.0 |	0.0 |	-340.0 |	0.0 |	0.0 |
| 6- 1 |	0.0 |	0.0 |	0.0 |	-2846.8 |	0.0 |	0.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 1 |	Sx |	-423.2 |	0.0 |	0.0 |	423.2 |
| 12-11 |	|si| 6 |	Tz |	-44.4 |	0.0 |	0.0 |	44.4 |
| 6- 1 |	|si| 9 |	Ty |	-371.8 |	0.0 |	0.0 |	371.8 |

PROGR. 11.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	0.0 |	0.0 |	0.0 |	-3239.1 |	0.0 |	0.0 |
| 12-11 |	0.0 |	0.0 |	0.0 |	-339.3 |	0.0 |	0.0 |
| 6- 1 |	0.0 |	0.0 |	0.0 |	-2846.0 |	0.0 |	0.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 1 |	Sx |	-423.1 |	0.0 |	0.0 |	423.1 |
| 12-11 |	|si| 6 |	Tz |	-44.3 |	0.0 |	0.0 |	44.3 |
| 6- 1 |	|si| 9 |	Ty |	-371.7 |	0.0 |	0.0 |	371.7 |

PROGR. 22.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	0.0 |	0.0 |	0.0 |	-3238.3 |	0.0 |	0.0 |
| 12-11 |	0.0 |	0.0 |	0.0 |	-338.6 |	0.0 |	0.0 |
| 6- 1 |	0.0 |	0.0 |	0.0 |	-2845.1 |	0.0 |	0.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 1 |	Sx |	-423.0 |	0.0 |	0.0 |	423.0 |
| 12-11 |	|si| 6 |	Tz |	-44.2 |	0.0 |	0.0 |	44.2 |
| 6- 1 |	|si| 9 |	Ty |	-371.6 |	0.0 |	0.0 |	371.6 |

PROGR. 33.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	0.0 |	0.0 |	0.0 |	-3237.4 |	0.0 |	0.0 |
| 12-11 |	0.0 |	0.0 |	0.0 |	-338.0 |	0.0 |	0.0 |
| 6- 1 |	0.0 |	0.0 |	0.0 |	-2844.3 |	0.0 |	0.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 2 |	Sx |	-422.8 |	0.0 |	0.0 |	422.8 |
| 12-11 |	|si| 6 |	Tz |	-44.1 |	0.0 |	0.0 |	44.1 |

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	|	-371.5|	0.0|	0.0|	371.5|		
-----								PROGR. 44.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-3236.6|	0.0|
| 12-11|	0.0|		0.0|		0.0|		-337.3|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-2843.4|	0.0|
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 2|Sx	Si	|	-422.7|		0.0|		0.0|	422.7|
| 12-11|si| 6|	Tz	|	-44.1|		0.0|		0.0|	44.1|
| 6- 1|si| 9|	Ty	|	-371.4|		0.0|		0.0|	371.4|
-----								PROGR. 55.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-3235.7|	0.0|
| 12-11|	0.0|		0.0|		0.0|		-336.7|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-2842.6|	0.0|
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 2|Sx	Si	|	-422.6|		0.0|		0.0|	422.6|
| 12-11|si| 6|	Tz	|	-44.0|		0.0|		0.0|	44.0|
| 6- 1|si| 9|	Ty	|	-371.3|		0.0|		0.0|	371.3|
-----								PROGR. 66.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-3234.8|	0.0|
| 12-11|	0.0|		0.0|		0.0|		-336.0|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-2841.7|	0.0|
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 2|Sx	Si	|	-422.5|		0.0|		0.0|	422.5|
| 12-11|si| 6|	Tz	|	-43.9|		0.0|		0.0|	43.9|
| 6- 1|si| 9|	Ty	|	-371.2|		0.0|		0.0|	371.2|
-----								PROGR. 77.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-3234.0|	0.0|
| 12-11|	0.0|		0.0|		0.0|		-335.4|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-2840.9|	0.0|
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 2|Sx	Si	|	-422.4|		0.0|		0.0|	422.4|
| 12-11|si| 6|	Tz	|	-43.8|		0.0|		0.0|	43.8|
| 6- 1|si| 9|	Ty	|	-371.1|		0.0|		0.0|	371.1|
-----								PROGR. 88.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-3233.1|	0.0|
| 12-11|	0.0|		0.0|		0.0|		-334.7|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-2840.0|	0.0|
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 2|Sx	Si	|	-422.3|		0.0|		0.0|	422.3|
| 12-11|si| 6|	Tz	|	-43.7|		0.0|		0.0|	43.7|
| 6- 1|si| 9|	Ty	|	-370.9|		0.0|		0.0|	370.9|

VERIFICA STABILITA' :								
|L0 = 88. |								
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|								
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|								
Caso 5- 1 - Nodo 2 - Asse Y								
Ned = -3240.0|Mzeq = 0.0|Myeq = 0.0|Ss = -681.5 (0.260)								
P_IPE80_s008 (8) stato limite ultimo - ASTA (360- 352)								651
-----								PROGR. 0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-5150.4|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-4760.2|	0.0|
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 1|Sx	Si	|	-672.7|		0.0|		0.0|	672.7|
| 6- 1|si| 6|	Tz	|	-621.7|		0.0|		0.0|	621.7|
| 6- 1|si| 9|	Ty	|	-621.7|		0.0|		0.0|	621.7|
-----								PROGR. 11.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-5149.6|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-4759.4|	0.0|
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 1|Sx	Si	|	-672.6|		0.0|		0.0|	672.6|
| 6- 1|si| 6|	Tz	|	-621.6|		0.0|		0.0|	621.6|
| 6- 1|si| 9|	Ty	|	-621.6|		0.0|		0.0|	621.6|
-----								PROGR. 22.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-5148.7|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-4758.5|	0.0|
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 2|Sx	Si	|	-672.5|		0.0|		0.0|	672.5|
| 6- 1|si| 6|	Tz	|	-621.5|		0.0|		0.0|	621.5|
| 6- 1|si| 9|	Ty	|	-621.5|		0.0|		0.0|	621.5|
-----								PROGR. 33.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-5148.7|	0.0|
| 6- 1|	0.0|		0.0|		0.0|		-4758.5|	0.0|

Copertura area carburante - Relazione di calcolo

| 5- 1|	0.0|	0.0|	0.0|	-5147.9|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4757.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	-672.4|	0.0|	0.0|	672.4|	
| 6- 1|si| 6| Tz |		-621.4|	0.0|	0.0|	621.4|	
| 6- 1|si| 9| Ty |		-621.4|	0.0|	0.0|	621.4|	
----- PROGR. 44.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5147.0|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4756.8|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	-672.3|	0.0|	0.0|	672.3|	
| 6- 1|si| 6| Tz |		-621.3|	0.0|	0.0|	621.3|	
| 6- 1|si| 9| Ty |		-621.3|	0.0|	0.0|	621.3|	
----- PROGR. 55.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5146.1|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4755.9|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	-672.1|	0.0|	0.0|	672.1|	
| 6- 1|si| 6| Tz |		-621.2|	0.0|	0.0|	621.2|	
| 6- 1|si| 9| Ty |		-621.2|	0.0|	0.0|	621.2|	
----- PROGR. 66.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5145.3|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4755.1|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	-672.0|	0.0|	0.0|	672.0|	
| 6- 1|si| 6| Tz |		-621.1|	0.0|	0.0|	621.1|	
| 6- 1|si| 9| Ty |		-621.1|	0.0|	0.0|	621.1|	
----- PROGR. 77.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5144.4|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4754.2|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	-671.9|	0.0|	0.0|	671.9|	
| 6- 1|si| 6| Tz |		-621.0|	0.0|	0.0|	621.0|	
| 6- 1|si| 9| Ty |		-621.0|	0.0|	0.0|	621.0|	
----- PROGR. 88.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5143.6|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4753.4|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	-671.8|	0.0|	0.0|	671.8|	
| 6- 1|si| 6| Tz |		-620.8|	0.0|	0.0|	620.8|	
| 6- 1|si| 9| Ty |		-620.8|	0.0|	0.0|	620.8|	

VERIFICA STABILITA` :						
|L0 = 88. |						
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|						
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|						
Caso 5- 1 - Nodo 2 - Asse Y						
Ned = -5150.4|Mzeq = 0.0|Myeq = 0.0|Ss = -1083.4 (0.414)						
P_IPE80_S008 (8) stato limite ultimo - ASTA (361- 353) 653						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7174.5|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-6756.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	-937.1|	0.0|	0.0|	937.1|	
| 6- 1|si| 6| Tz |		-882.5|	0.0|	0.0|	882.5|	
| 6- 1|si| 9| Ty |		-882.5|	0.0|	0.0|	882.5|	
----- PROGR. 11.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7173.7|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-6755.5|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	-937.0|	0.0|	0.0|	937.0|	
| 6- 1|si| 6| Tz |		-882.3|	0.0|	0.0|	882.3|	
| 6- 1|si| 9| Ty |		-882.3|	0.0|	0.0|	882.3|	
----- PROGR. 22.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7172.8|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-6754.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	-936.9|	0.0|	0.0|	936.9|	
| 6- 1|si| 6| Tz |		-882.2|	0.0|	0.0|	882.2|	
| 6- 1|si| 9| Ty |		-882.2|	0.0|	0.0|	882.2|	
----- PROGR. 33.						
SOLLECITAZIONI :						

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-7172.0	0.0	0.0
6- 1	0.0	0.0	0.0	-6753.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-936.7	0.0	0.0	936.7
6- 1	si	6	Tz		-882.1	0.0	0.0	882.1
6- 1	si	9	Ty		-882.1	0.0	0.0	882.1

PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-7171.1	0.0	0.0
6- 1	0.0	0.0	0.0	-6752.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-936.6	0.0	0.0	936.6
6- 1	si	6	Tz		-882.0	0.0	0.0	882.0
6- 1	si	9	Ty		-882.0	0.0	0.0	882.0

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-7170.3	0.0	0.0
6- 1	0.0	0.0	0.0	-6752.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-936.5	0.0	0.0	936.5
6- 1	si	6	Tz		-881.9	0.0	0.0	881.9
6- 1	si	9	Ty		-881.9	0.0	0.0	881.9

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-7169.4	0.0	0.0
6- 1	0.0	0.0	0.0	-6751.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-936.4	0.0	0.0	936.4
6- 1	si	6	Tz		-881.8	0.0	0.0	881.8
6- 1	si	9	Ty		-881.8	0.0	0.0	881.8

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-7168.6	0.0	0.0
6- 1	0.0	0.0	0.0	-6750.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-936.3	0.0	0.0	936.3
6- 1	si	6	Tz		-881.7	0.0	0.0	881.7
6- 1	si	9	Ty		-881.7	0.0	0.0	881.7

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-7167.7	0.0	0.0
6- 1	0.0	0.0	0.0	-6749.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-936.2	0.0	0.0	936.2
6- 1	si	6	Tz		-881.6	0.0	0.0	881.6
6- 1	si	9	Ty		-881.6	0.0	0.0	881.6

VERIFICA STABILITA` :

$l_0 = 88$
 $Z \quad l_c = 88 \quad R_o = 3.24 \quad l_m = 27.2 \quad N_{cr} = 214856.6 \quad \alpha(a) = 0.2100 \quad k_i = 0.9744$
 $Y \quad l_c = 88 \quad R_o = 1.05 \quad l_m = 83.6 \quad N_{cr} = 22725.8 \quad \alpha(b) = 0.3400 \quad k_i = 0.6209$
 Caso 5- 1 - Nodo 2 - Asse Y
 $N_{ed} = -7174.5 \quad M_{zeq} = 0.0 \quad M_{yeq} = 0.0 \quad S_s = -1509.1 \quad (0.576)$

P_IPE80_S008 (8) stato limite ultimo - ASTA (646- 629) 1058
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7576.4	0.0	0.0
5- 1	0.0	0.0	0.0	-7528.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-989.6	0.0	0.0	989.6
6- 1	si	6	Tz		-989.6	0.0	0.0	989.6
5- 1	si	9	Ty		-983.3	0.0	0.0	983.3

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7575.6	0.0	0.0
5- 1	0.0	0.0	0.0	-7527.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-989.5	0.0	0.0	989.5
6- 1	si	6	Tz		-989.5	0.0	0.0	989.5
5- 1	si	9	Ty		-983.2	0.0	0.0	983.2

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7574.7	0.0	0.0
5- 1	0.0	0.0	0.0	-7526.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-989.4	0.0	0.0	989.4
6- 1	si	6	Tz		-989.4	0.0	0.0	989.4
5- 1	si	9	Ty		-983.1	0.0	0.0	983.1

PROGR. 33.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7573.9	0.0	0.0
5- 1	0.0	0.0	0.0	-7526.0	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-989.2	0.0	0.0	989.2
6- 1	si	6	Tz		-989.2	0.0	0.0	989.2
5- 1	si	9	Ty		-983.0	0.0	0.0	983.0

----- PROGR. 44.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7573.0	0.0	0.0
5- 1	0.0	0.0	0.0	-7525.1	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-989.1	0.0	0.0	989.1
6- 1	si	6	Tz		-989.1	0.0	0.0	989.1
5- 1	si	9	Ty		-982.9	0.0	0.0	982.9

----- PROGR. 55.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7572.2	0.0	0.0
5- 1	0.0	0.0	0.0	-7524.3	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-989.0	0.0	0.0	989.0
6- 1	si	6	Tz		-989.0	0.0	0.0	989.0
5- 1	si	9	Ty		-982.8	0.0	0.0	982.8

----- PROGR. 66.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7571.3	0.0	0.0
5- 1	0.0	0.0	0.0	-7523.4	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-988.9	0.0	0.0	988.9
6- 1	si	6	Tz		-988.9	0.0	0.0	988.9
5- 1	si	9	Ty		-982.7	0.0	0.0	982.7

----- PROGR. 77.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7570.5	0.0	0.0
5- 1	0.0	0.0	0.0	-7522.6	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-988.8	0.0	0.0	988.8
6- 1	si	6	Tz		-988.8	0.0	0.0	988.8
5- 1	si	9	Ty		-982.5	0.0	0.0	982.5

----- PROGR. 88.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7569.6	0.0	0.0
5- 1	0.0	0.0	0.0	-7521.7	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-988.7	0.0	0.0	988.7
6- 1	si	6	Tz		-988.7	0.0	0.0	988.7
5- 1	si	9	Ty		-982.4	0.0	0.0	982.4

----- VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a) = 0.2100 |ki= 0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b) = 0.3400 |ki= 0.6209 |
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -7576.4 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1593.7 (0.608)

P_IPE80_S008 (8) stato limite ultimo - ASTA (647- 631) 1062
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5331.9	0.0	0.0
5- 1	0.0	0.0	0.0	-5285.7	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-696.4	0.0	0.0	696.4
5- 1	si	6	Tz		-690.4	0.0	0.0	690.4
5- 1	si	9	Ty		-690.4	0.0	0.0	690.4

----- PROGR. 11.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5331.0	0.0	0.0
5- 1	0.0	0.0	0.0	-5284.8	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-696.3	0.0	0.0	696.3
5- 1	si	6	Tz		-690.3	0.0	0.0	690.3
5- 1	si	9	Ty		-690.3	0.0	0.0	690.3

----- PROGR. 22.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5330.2	0.0	0.0
5- 1	0.0	0.0	0.0	-5284.0	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-696.2	0.0	0.0	696.2
5- 1	si	6	Tz		-690.1	0.0	0.0	690.1
5- 1	si	9	Ty		-690.1	0.0	0.0	690.1

Copertura area carburante - Relazione di calcolo

----- PROGR. 33.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5329.3	0.0	0.0
5- 1	0.0	0.0	0.0	-5283.1	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-696.1	0.0	0.0	696.1
5- 1	si	6	Tz	-690.0	0.0	0.0	690.0	
5- 1	si	9	Ty	-690.0	0.0	0.0	690.0	

----- PROGR. 44.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5328.5	0.0	0.0
5- 1	0.0	0.0	0.0	-5282.2	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-696.0	0.0	0.0	696.0
5- 1	si	6	Tz	-689.9	0.0	0.0	689.9	
5- 1	si	9	Ty	-689.9	0.0	0.0	689.9	

----- PROGR. 55.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5327.6	0.0	0.0
5- 1	0.0	0.0	0.0	-5281.4	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-695.9	0.0	0.0	695.9
5- 1	si	6	Tz	-689.8	0.0	0.0	689.8	
5- 1	si	9	Ty	-689.8	0.0	0.0	689.8	

----- PROGR. 66.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5326.8	0.0	0.0
5- 1	0.0	0.0	0.0	-5280.5	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-695.7	0.0	0.0	695.7
5- 1	si	6	Tz	-689.7	0.0	0.0	689.7	
5- 1	si	9	Ty	-689.7	0.0	0.0	689.7	

----- PROGR. 77.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5325.9	0.0	0.0
5- 1	0.0	0.0	0.0	-5279.7	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-695.6	0.0	0.0	695.6
5- 1	si	6	Tz	-689.6	0.0	0.0	689.6	
5- 1	si	9	Ty	-689.6	0.0	0.0	689.6	

----- PROGR. 88.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5325.1	0.0	0.0
5- 1	0.0	0.0	0.0	-5278.8	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-695.5	0.0	0.0	695.5
5- 1	si	6	Tz	-689.5	0.0	0.0	689.5	
5- 1	si	9	Ty	-689.5	0.0	0.0	689.5	

 VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa (a) =0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa (b) =0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -5331.9 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1121.5 (0.428)

P_IPE80_S008 (8) stato limite ultimo - ASTA (649- 633) 1066
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-3086.0	0.0	0.0
12- 1	0.0	0.0	0.0	-571.6	0.0	0.0
5- 1	0.0	0.0	0.0	-3035.3	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-403.1	0.0	0.0	403.1
12- 1	si	6	Tz	-74.7	0.0	0.0	74.7	
5- 1	si	9	Ty	-396.4	0.0	0.0	396.4	

----- PROGR. 11.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-3085.1	0.0	0.0
12- 1	0.0	0.0	0.0	-570.9	0.0	0.0
5- 1	0.0	0.0	0.0	-3034.4	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-403.0	0.0	0.0	403.0
12- 1	si	6	Tz	-74.6	0.0	0.0	74.6	
5- 1	si	9	Ty	-396.3	0.0	0.0	396.3	

----- PROGR. 22.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-3084.3	0.0	0.0
12- 1	0.0	0.0	0.0	-570.2	0.0	0.0
5- 1	0.0	0.0	0.0	-3033.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -402.8| 0.0| 0.0| 402.8|
| 12- 1|si| 6| Tz | -74.5| 0.0| 0.0| 74.5|
| 5- 1|si| 9| Ty | -396.2| 0.0| 0.0| 396.2|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3083.4| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -569.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3032.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -402.7| 0.0| 0.0| 402.7|
| 12- 1|si| 6| Tz | -74.4| 0.0| 0.0| 74.4|
| 5- 1|si| 9| Ty | -396.1| 0.0| 0.0| 396.1|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3082.6| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -568.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3031.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -402.6| 0.0| 0.0| 402.6|
| 12- 1|si| 6| Tz | -74.3| 0.0| 0.0| 74.3|
| 5- 1|si| 9| Ty | -396.0| 0.0| 0.0| 396.0|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3081.7| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -568.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3031.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -402.5| 0.0| 0.0| 402.5|
| 12- 1|si| 6| Tz | -74.2| 0.0| 0.0| 74.2|
| 5- 1|si| 9| Ty | -395.9| 0.0| 0.0| 395.9|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3080.9| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -567.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3030.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -402.4| 0.0| 0.0| 402.4|
| 12- 1|si| 6| Tz | -74.1| 0.0| 0.0| 74.1|
| 5- 1|si| 9| Ty | -395.8| 0.0| 0.0| 395.8|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3080.0| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -567.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3029.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -402.3| 0.0| 0.0| 402.3|
| 12- 1|si| 6| Tz | -74.1| 0.0| 0.0| 74.1|
| 5- 1|si| 9| Ty | -395.7| 0.0| 0.0| 395.7|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3079.2| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -566.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3028.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -402.2| 0.0| 0.0| 402.2|
| 12- 1|si| 6| Tz | -74.0| 0.0| 0.0| 74.0|
| 5- 1|si| 9| Ty | -395.6| 0.0| 0.0| 395.6|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3589.8| 0.0| 0.0|
| 12- 3| 0.0| 0.0| 0.0| -686.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3531.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -468.9| 0.0| 0.0| 468.9|
| 12- 3|si| 6| Tz | -89.7| 0.0| 0.0| 89.7|
| 6- 1|si| 9| Ty | -461.2| 0.0| 0.0| 461.2|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3588.9| 0.0| 0.0|
| 12- 3| 0.0| 0.0| 0.0| -686.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3530.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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VERIFICA STABILITA' :

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|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -3086.0|Mzeq = 0.0|Myeq = 0.0|Ss = -649.1 ( 0.248)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 653- 637) 1074
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3589.8| 0.0| 0.0|
| 12- 3| 0.0| 0.0| 0.0| -686.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3531.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -468.9| 0.0| 0.0| 468.9|
| 12- 3|si| 6| Tz | -89.7| 0.0| 0.0| 89.7|
| 6- 1|si| 9| Ty | -461.2| 0.0| 0.0| 461.2|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3588.9| 0.0| 0.0|
| 12- 3| 0.0| 0.0| 0.0| -686.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3530.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

	5-	1 si	1 Sx	Si	-468.8	0.0	0.0	468.8																	
|	12-	3|si|	6|	Tz	|	-89.6|	0.0|	89.6|																	
|	6-	1|si|	9|	Ty	|	-461.1|	0.0|	461.1|																	
									-----	PROGR.															
22.																									
SOLLECITAZIONI :																									
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|											
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-3588.1|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	12-	3|	0.0|	0.0|	0.0|	0.0|	-685.4|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	6-	1|	0.0|	0.0|	0.0|	0.0|	-3529.5|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
TENSIONI (Sz= 0.00) :																									
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|													
|	5-	1|si|	1|Sx	Si|	-468.6|	0.0|	0.0|	468.6|																	
|	12-	3|si|	6|	Tz	|	-89.5|	0.0|	89.5|																	
|	6-	1|si|	9|	Ty	|	-461.0|	0.0|	461.0|																	
									-----	PROGR.															
33.																									
SOLLECITAZIONI :																									
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|											
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-3587.2|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	12-	3|	0.0|	0.0|	0.0|	0.0|	-684.7|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	6-	1|	0.0|	0.0|	0.0|	0.0|	-3528.6|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
TENSIONI (Sz= 0.00) :																									
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|													
|	5-	1|si|	2|Sx	Si|	-468.5|	0.0|	0.0|	468.5|																	
|	12-	3|si|	6|	Tz	|	-89.4|	0.0|	89.4|																	
|	6-	1|si|	9|	Ty	|	-460.9|	0.0|	460.9|																	
									-----	PROGR.															
44.																									
SOLLECITAZIONI :																									
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|											
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-3586.4|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	12-	3|	0.0|	0.0|	0.0|	0.0|	-684.1|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	6-	1|	0.0|	0.0|	0.0|	0.0|	-3527.8|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
TENSIONI (Sz= 0.00) :																									
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|													
|	5-	1|si|	2|Sx	Si|	-468.4|	0.0|	0.0|	468.4|																	
|	12-	3|si|	6|	Tz	|	-89.4|	0.0|	89.4|																	
|	6-	1|si|	9|	Ty	|	-460.8|	0.0|	460.8|																	
									-----	PROGR.															
55.																									
SOLLECITAZIONI :																									
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|											
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-3585.5|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	12-	3|	0.0|	0.0|	0.0|	0.0|	-683.4|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	6-	1|	0.0|	0.0|	0.0|	0.0|	-3526.9|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
TENSIONI (Sz= 0.00) :																									
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|													
|	5-	1|si|	2|Sx	Si|	-468.3|	0.0|	0.0|	468.3|																	
|	12-	3|si|	6|	Tz	|	-89.3|	0.0|	89.3|																	
|	6-	1|si|	9|	Ty	|	-460.7|	0.0|	460.7|																	
									-----	PROGR.															
66.																									
SOLLECITAZIONI :																									
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|											
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-3584.7|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	12-	3|	0.0|	0.0|	0.0|	0.0|	-682.8|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	6-	1|	0.0|	0.0|	0.0|	0.0|	-3526.1|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
TENSIONI (Sz= 0.00) :																									
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|													
|	5-	1|si|	2|Sx	Si|	-468.2|	0.0|	0.0|	468.2|																	
|	12-	3|si|	6|	Tz	|	-89.2|	0.0|	89.2|																	
|	6-	1|si|	9|	Ty	|	-460.5|	0.0|	460.5|																	
									-----	PROGR.															
77.																									
SOLLECITAZIONI :																									
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|											
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-3583.8|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	12-	3|	0.0|	0.0|	0.0|	0.0|	-682.1|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	6-	1|	0.0|	0.0|	0.0|	0.0|	-3525.2|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
TENSIONI (Sz= 0.00) :																									
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|													
|	5-	1|si|	2|Sx	Si|	-468.1|	0.0|	0.0|	468.1|																	
|	12-	3|si|	6|	Tz	|	-89.1|	0.0|	89.1|																	
|	6-	1|si|	9|	Ty	|	-460.4|	0.0|	460.4|																	
									-----	PROGR.															
88.																									
SOLLECITAZIONI :																									
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|											
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-3583.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	12-	3|	0.0|	0.0|	0.0|	0.0|	-681.5|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	6-	1|	0.0|	0.0|	0.0|	0.0|	-3524.4|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
TENSIONI (Sz= 0.00) :																									
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|													
|	5-	1|si|	2|Sx	Si|	-468.0|	0.0|	0.0|	468.0|																	
|	12-	3|si|	6|	Tz	|	-89.0|	0.0|	89.0|																	
|	6-	1|si|	9|	Ty	|	-460.3|	0.0|	460.3|																	
									-----	PROGR.															
VERIFICA STABILITA` :																									
|	L0	=	88.	|																					
Z	|	Lc	=	88.	|	Ro	=	3.24	|	lm	=	27.2	|	Ncr	=	214856.6	|	alfa(a)	=	0.2100	|	ki	=	0.9744	|
Y	|	Lc	=	88.	|	Ro	=	1.05	|	lm	=	83.6	|	Ncr	=	22725.8	|	alfa(b)	=	0.3400	|	ki	=	0.6209	|
Caso 5- 1 - Nodo 2 - Asse Y																									
Ned	=	-3589.8	|	Mzeq	=	0.0	|	Myeq	=	0.0	|	Ss	=	-755.1	(0.288)										
P_IPE80_S008 (8) stato limite ultimo - ASTA (655- 639) 1078																									

PROGR. 0.																									
SOLLECITAZIONI :																									
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|											
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-5859.8|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
|	6-	1|	0.0|	0.0|	0.0|	0.0|	-5796.8|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|	0.0|											
TENSIONI (Sz= 0.00) :																									
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|													
|	5-	1|si|	1|Sx	Si|	-765.4|	0.0|	0.0|	765.4|																	
|	6-	1|si|	6|	Tz	|	-757.1|	0.0|	757.1|																	

Copertura area carburante - Relazione di calcolo

```

| 6- 1|si| 9| Ty | -757.1| 0.0| 0.0| 757.1|
-----

```

```

-----
PROGR. 11.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5858.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5796.0| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -765.2| 0.0| 0.0| 765.2|
| 6- 1|si| 6| Tz | -757.0| 0.0| 0.0| 757.0|
| 6- 1|si| 9| Ty | -757.0| 0.0| 0.0| 757.0|
-----

```

```

-----
PROGR. 22.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5858.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5795.1| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -765.1| 0.0| 0.0| 765.1|
| 6- 1|si| 6| Tz | -756.9| 0.0| 0.0| 756.9|
| 6- 1|si| 9| Ty | -756.9| 0.0| 0.0| 756.9|
-----

```

```

-----
PROGR. 33.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5857.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5794.3| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -765.0| 0.0| 0.0| 765.0|
| 6- 1|si| 6| Tz | -756.8| 0.0| 0.0| 756.8|
| 6- 1|si| 9| Ty | -756.8| 0.0| 0.0| 756.8|
-----

```

```

-----
PROGR. 44.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5856.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5793.4| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -764.9| 0.0| 0.0| 764.9|
| 6- 1|si| 6| Tz | -756.7| 0.0| 0.0| 756.7|
| 6- 1|si| 9| Ty | -756.7| 0.0| 0.0| 756.7|
-----

```

```

-----
PROGR. 55.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5855.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5792.5| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -764.8| 0.0| 0.0| 764.8|
| 6- 1|si| 6| Tz | -756.6| 0.0| 0.0| 756.6|
| 6- 1|si| 9| Ty | -756.6| 0.0| 0.0| 756.6|
-----

```

```

-----
PROGR. 66.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5854.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5791.7| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -764.7| 0.0| 0.0| 764.7|
| 6- 1|si| 6| Tz | -756.5| 0.0| 0.0| 756.5|
| 6- 1|si| 9| Ty | -756.5| 0.0| 0.0| 756.5|
-----

```

```

-----
PROGR. 77.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5853.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5790.8| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -764.6| 0.0| 0.0| 764.6|
| 6- 1|si| 6| Tz | -756.4| 0.0| 0.0| 756.4|
| 6- 1|si| 9| Ty | -756.4| 0.0| 0.0| 756.4|
-----

```

```

-----
PROGR. 88.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5852.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5790.0| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -764.5| 0.0| 0.0| 764.5|
| 6- 1|si| 6| Tz | -756.2| 0.0| 0.0| 756.2|
| 6- 1|si| 9| Ty | -756.2| 0.0| 0.0| 756.2|
-----

```

```

-----
VERIFICA STABILITA` :

```

```

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -5859.8|Mzeq = 0.0|Myeq = 0.0|Ss = -1232.6 ( 0.471)

```

```

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 657- 641) 1082
-----
PROGR. 0.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8045.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7986.5| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1050.8| 0.0| 0.0| 1050.8|

```

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 6| Tz | -1050.8| 0.0| 0.0| 1050.8|
| 6- 1|si| 9| Ty | -1043.1| 0.0| 0.0| 1043.1|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8044.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7985.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1050.7| 0.0| 0.0| 1050.7|
| 5- 1|si| 6| Tz | -1050.7| 0.0| 0.0| 1050.7|
| 6- 1|si| 9| Ty | -1043.0| 0.0| 0.0| 1043.0|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8043.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7984.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1050.6| 0.0| 0.0| 1050.6|
| 5- 1|si| 6| Tz | -1050.6| 0.0| 0.0| 1050.6|
| 6- 1|si| 9| Ty | -1042.9| 0.0| 0.0| 1042.9|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8042.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7983.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1050.5| 0.0| 0.0| 1050.5|
| 5- 1|si| 6| Tz | -1050.5| 0.0| 0.0| 1050.5|
| 6- 1|si| 9| Ty | -1042.8| 0.0| 0.0| 1042.8|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8041.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7983.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1050.4| 0.0| 0.0| 1050.4|
| 5- 1|si| 6| Tz | -1050.4| 0.0| 0.0| 1050.4|
| 6- 1|si| 9| Ty | -1042.7| 0.0| 0.0| 1042.7|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8041.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7982.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1050.3| 0.0| 0.0| 1050.3|
| 5- 1|si| 6| Tz | -1050.3| 0.0| 0.0| 1050.3|
| 6- 1|si| 9| Ty | -1042.6| 0.0| 0.0| 1042.6|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8040.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7981.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -1050.1| 0.0| 0.0| 1050.1|
| 5- 1|si| 6| Tz | -1050.1| 0.0| 0.0| 1050.1|
| 6- 1|si| 9| Ty | -1042.5| 0.0| 0.0| 1042.5|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8039.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7980.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -1050.0| 0.0| 0.0| 1050.0|
| 5- 1|si| 6| Tz | -1050.0| 0.0| 0.0| 1050.0|
| 6- 1|si| 9| Ty | -1042.4| 0.0| 0.0| 1042.4|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -8038.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7979.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -1049.9| 0.0| 0.0| 1049.9|
| 5- 1|si| 6| Tz | -1049.9| 0.0| 0.0| 1049.9|
| 6- 1|si| 9| Ty | -1042.2| 0.0| 0.0| 1042.2|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -8045.3|Mzeq = 0.0|Myeq = 0.0|Ss = -1692.3 ( 0.646)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 680- 664) 1123
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9200.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9151.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

```

| 6- 1|si| 1|Sx  Si| -1201.6| 0.0| 0.0| 1201.6|
| 6- 1|si| 6| Tz  | -1201.6| 0.0| 0.0| 1201.6|
| 5- 1|si| 9| Ty  | -1195.3| 0.0| 0.0| 1195.3|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9199.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9150.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -1201.5| 0.0| 0.0| 1201.5|
| 6- 1|si| 6| Tz  | -1201.5| 0.0| 0.0| 1201.5|
| 5- 1|si| 9| Ty  | -1195.2| 0.0| 0.0| 1195.2|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9198.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9149.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -1201.4| 0.0| 0.0| 1201.4|
| 6- 1|si| 6| Tz  | -1201.4| 0.0| 0.0| 1201.4|
| 5- 1|si| 9| Ty  | -1195.1| 0.0| 0.0| 1195.1|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9197.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9149.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -1201.3| 0.0| 0.0| 1201.3|
| 6- 1|si| 6| Tz  | -1201.3| 0.0| 0.0| 1201.3|
| 5- 1|si| 9| Ty  | -1195.0| 0.0| 0.0| 1195.0|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9196.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9148.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -1201.2| 0.0| 0.0| 1201.2|
| 6- 1|si| 6| Tz  | -1201.2| 0.0| 0.0| 1201.2|
| 5- 1|si| 9| Ty  | -1194.9| 0.0| 0.0| 1194.9|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9195.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9147.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -1201.1| 0.0| 0.0| 1201.1|
| 6- 1|si| 6| Tz  | -1201.1| 0.0| 0.0| 1201.1|
| 5- 1|si| 9| Ty  | -1194.8| 0.0| 0.0| 1194.8|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9194.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9146.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -1201.0| 0.0| 0.0| 1201.0|
| 6- 1|si| 6| Tz  | -1201.0| 0.0| 0.0| 1201.0|
| 5- 1|si| 9| Ty  | -1194.6| 0.0| 0.0| 1194.6|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9194.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9145.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -1200.9| 0.0| 0.0| 1200.9|
| 6- 1|si| 6| Tz  | -1200.9| 0.0| 0.0| 1200.9|
| 5- 1|si| 9| Ty  | -1194.5| 0.0| 0.0| 1194.5|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -9193.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -9144.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -1200.7| 0.0| 0.0| 1200.7|
| 6- 1|si| 6| Tz  | -1200.7| 0.0| 0.0| 1200.7|
| 5- 1|si| 9| Ty  | -1194.4| 0.0| 0.0| 1194.4|
-----
VERIFICA STABILITA` :
|LO = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -9200.0|Mzeq = 0.0|Myeq = 0.0|Ss = -1935.2 ( 0.739)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 681- 666) 1127
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6666.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6614.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```


Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-870.7	0.0	0.0	870.7
5-1	si	6	Tz	-863.9	0.0	0.0	863.9
5-1	si	9	Ty	-863.9	0.0	0.0	863.9

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-6665.1	0.0	0.0
5-1	0.0	0.0	0.0	-6613.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-870.5	0.0	0.0	870.5
5-1	si	6	Tz	-863.8	0.0	0.0	863.8
5-1	si	9	Ty	-863.8	0.0	0.0	863.8

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-6664.3	0.0	0.0
5-1	0.0	0.0	0.0	-6612.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-870.4	0.0	0.0	870.4
5-1	si	6	Tz	-863.7	0.0	0.0	863.7
5-1	si	9	Ty	-863.7	0.0	0.0	863.7

PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-6663.4	0.0	0.0
5-1	0.0	0.0	0.0	-6611.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-870.3	0.0	0.0	870.3
5-1	si	6	Tz	-863.5	0.0	0.0	863.5
5-1	si	9	Ty	-863.5	0.0	0.0	863.5

PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-6662.6	0.0	0.0
5-1	0.0	0.0	0.0	-6610.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-870.2	0.0	0.0	870.2
5-1	si	6	Tz	-863.4	0.0	0.0	863.4
5-1	si	9	Ty	-863.4	0.0	0.0	863.4

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-6661.7	0.0	0.0
5-1	0.0	0.0	0.0	-6609.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-870.1	0.0	0.0	870.1
5-1	si	6	Tz	-863.3	0.0	0.0	863.3
5-1	si	9	Ty	-863.3	0.0	0.0	863.3

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-6660.9	0.0	0.0
5-1	0.0	0.0	0.0	-6609.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-870.0	0.0	0.0	870.0
5-1	si	6	Tz	-863.2	0.0	0.0	863.2
5-1	si	9	Ty	-863.2	0.0	0.0	863.2

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-6660.0	0.0	0.0
5-1	0.0	0.0	0.0	-6608.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-869.9	0.0	0.0	869.9
5-1	si	6	Tz	-863.1	0.0	0.0	863.1
5-1	si	9	Ty	-863.1	0.0	0.0	863.1

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-6659.2	0.0	0.0
5-1	0.0	0.0	0.0	-6607.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-869.8	0.0	0.0	869.8
5-1	si	6	Tz	-863.0	0.0	0.0	863.0
5-1	si	9	Ty	-863.0	0.0	0.0	863.0

VERIFICA STABILITA` :

|L0 = 88.1
 Z |Lc = 88.1 |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88.1 |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 6-1 - Nodo 4 - Asse Y
 Ned = -6666.0 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1402.1 (0.535)

P_IPE80_S008 (8) stato limite ultimo - ASTA (684- 668) 1131
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-4053.1	0.0	0.0
5-1	0.0	0.0	0.0	-4004.8	0.0	0.0

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	1|	Sx |	-529.4|	0.0|	0.0|	529.4|
| 5- 1|	|si|	6|	Tz |	-523.1|	0.0|	0.0|	523.1|
| 5- 1|	|si|	9|	Ty |	-523.1|	0.0|	0.0|	523.1|
----- PROGR. 11.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4052.2|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-4003.9|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	1|	Sx |	-529.3|	0.0|	0.0|	529.3|
| 5- 1|	|si|	6|	Tz |	-523.0|	0.0|	0.0|	523.0|
| 5- 1|	|si|	9|	Ty |	-523.0|	0.0|	0.0|	523.0|
----- PROGR. 22.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4051.3|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-4003.1|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	4|	Sx |	-529.2|	0.0|	0.0|	529.2|
| 5- 1|	|si|	6|	Tz |	-522.9|	0.0|	0.0|	522.9|
| 5- 1|	|si|	9|	Ty |	-522.9|	0.0|	0.0|	522.9|
----- PROGR. 33.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4050.5|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-4002.2|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	4|	Sx |	-529.0|	0.0|	0.0|	529.0|
| 5- 1|	|si|	6|	Tz |	-522.7|	0.0|	0.0|	522.7|
| 5- 1|	|si|	9|	Ty |	-522.7|	0.0|	0.0|	522.7|
----- PROGR. 44.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4049.6|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-4001.4|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	4|	Sx |	-528.9|	0.0|	0.0|	528.9|
| 5- 1|	|si|	6|	Tz |	-522.6|	0.0|	0.0|	522.6|
| 5- 1|	|si|	9|	Ty |	-522.6|	0.0|	0.0|	522.6|
----- PROGR. 55.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4048.8|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-4000.5|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	4|	Sx |	-528.8|	0.0|	0.0|	528.8|
| 5- 1|	|si|	6|	Tz |	-522.5|	0.0|	0.0|	522.5|
| 5- 1|	|si|	9|	Ty |	-522.5|	0.0|	0.0|	522.5|
----- PROGR. 66.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4047.9|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-3999.7|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	4|	Sx |	-528.7|	0.0|	0.0|	528.7|
| 5- 1|	|si|	6|	Tz |	-522.4|	0.0|	0.0|	522.4|
| 5- 1|	|si|	9|	Ty |	-522.4|	0.0|	0.0|	522.4|
----- PROGR. 77.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4047.1|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-3998.8|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	4|	Sx |	-528.6|	0.0|	0.0|	528.6|
| 5- 1|	|si|	6|	Tz |	-522.3|	0.0|	0.0|	522.3|
| 5- 1|	|si|	9|	Ty |	-522.3|	0.0|	0.0|	522.3|
----- PROGR. 88.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	-4046.2|	0.0|	0.0|	
| 5- 1|	0.0|	0.0|	0.0|	-3998.0|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si|	4|	Sx |	-528.5|	0.0|	0.0|	528.5|
| 5- 1|	|si|	6|	Tz |	-522.2|	0.0|	0.0|	522.2|
| 5- 1|	|si|	9|	Ty |	-522.2|	0.0|	0.0|	522.2|
----- PROGR. 0.							
VERIFICA STABILITA` :							
|L0 =	88. |						
Z |Lc =	88. |	Ro = 3.24 |	lm = 27.2 |	Ncr= 214856.6 |	alfa(a) = 0.2100 |	ki= 0.9744 |	
Y |Lc =	88. |	Ro = 1.05 |	lm = 83.6 |	Ncr= 22725.8 |	alfa(b) = 0.3400 |	ki= 0.6209 |	
Caso 6- 1 - Nodo 4 - Asse Y							
Ned =	-4053.1 |	Mz eq =	0.0 |	My eq =	0.0 |	Ss =	-852.5 (0.326)
P_HEA120_S011 (11) stato limite ultimo - ASTA (355- 356) 635							
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 11- 1|	4413.1|	434.3|	0.0|	8911.6|	-1.6|	17.8|	

Copertura area carburante - Relazione di calcolo

| 6- 1|	1492.4|	40.6|	0.0|	-71.4|	-0.2|	74.2|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	403.4|	0.0|	0.0|	403.4|
| 6- 1|	|si| 6|	Tz |	-17.1|	-3.0|	0.0|	17.8|
| 6- 1|	|si| 9|	Ty |	-2.8|	0.0|	-14.6|	25.5|
----- PROGR. 24.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 1|	4784.7|	473.0|	0.0|	8911.6|	-1.6|	13.0|
| 6- 1|	3207.5|	45.6|	0.0|	-71.4|	-0.2|	68.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	407.9|	0.0|	0.0|	407.9|
| 6- 1|	|si| 6|	Tz |	-33.2|	-2.7|	0.0|	33.5|
| 6- 1|	|si| 9|	Ty |	-2.8|	0.0|	-13.4|	23.4|
----- PROGR. 48.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 1|	5040.7|	511.8|	0.0|	8911.6|	-1.6|	8.2|
| 6- 1|	4772.3|	50.7|	0.0|	-71.4|	-0.2|	61.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	411.3|	0.0|	0.0|	411.3|
| 6- 1|	|si| 6|	Tz |	-47.9|	-2.5|	0.0|	48.1|
| 6- 1|	|si| 9|	Ty |	-2.8|	0.0|	-12.2|	21.3|
----- PROGR. 72.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 1|	5181.1|	550.5|	0.0|	8911.6|	-1.6|	3.4|
| 6- 1|	6186.9|	55.8|	0.0|	-71.4|	-0.2|	55.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	413.6|	0.0|	0.0|	413.6|
| 6- 1|	|si| 6|	Tz |	-61.2|	-2.2|	0.0|	61.3|
| 6- 1|	|si| 9|	Ty |	-2.7|	0.0|	-10.9|	19.2|
----- PROGR. 96.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 1|	5205.9|	589.3|	0.0|	8911.6|	-1.6|	-1.4|
| 6- 1|	7451.1|	60.8|	0.0|	-71.4|	-0.2|	49.3|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	414.9|	0.0|	0.0|	414.9|
| 6- 1|	|si| 6|	Tz |	-73.1|	-2.0|	0.0|	73.2|
| 6- 1|	|si| 9|	Ty |	-2.7|	0.0|	-9.7|	17.1|
----- PROGR. 121.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 1|	5115.1|	628.0|	0.0|	8911.6|	-1.6|	-6.2|
| 6- 1|	8565.2|	65.9|	0.0|	-71.4|	-0.2|	43.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	415.0|	0.0|	0.0|	415.0|
| 6- 1|	|si| 6|	Tz |	-83.6|	-1.7|	0.0|	83.6|
| 6- 1|	|si| 9|	Ty |	-2.7|	0.0|	-8.5|	15.0|
----- PROGR. 145.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 1|	4908.7|	666.8|	0.0|	8911.6|	-1.6|	-10.9|
| 6- 1|	9528.9|	71.0|	0.0|	-71.4|	-0.2|	36.8|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	414.1|	0.0|	0.0|	414.1|
| 6- 1|	|si| 6|	Tz |	-92.6|	-1.5|	0.0|	92.7|
| 6- 1|	|si| 9|	Ty |	-2.7|	0.0|	-7.3|	12.9|
----- PROGR. 169.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 1|	4586.8|	705.5|	0.0|	8911.6|	-1.6|	-15.7|
| 6- 1|	10342.4|	76.0|	0.0|	-71.4|	-0.2|	30.6|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	412.1|	0.0|	0.0|	412.1|
| 6- 1|	|si| 6|	Tz |	-100.3|	-1.2|	0.0|	100.3|
| 6- 1|	|si| 9|	Ty |	-2.7|	0.0|	-6.0|	10.8|
----- PROGR. 193.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 1|	4149.2|	744.3|	0.0|	8911.6|	-1.6|	-20.5|
| 6- 1|	11005.6|	81.1|	0.0|	-71.4|	-0.2|	24.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 1|	|si| 4|	Sx Si|	409.0|	0.0|	0.0|	409.0|
| 6- 1|	|si| 6|	Tz |	-106.6|	-1.0|	0.0|	106.6|
| 6- 1|	|si| 9|	Ty |	-2.7|	0.0|	-4.8|	8.8|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11-16 - Nodo 4 - Asse Y
 Ned = -7947.3|Mzeq = -3334.5|Myeq = -705.0|Ss = -497.5 (0.190)

P_HEA120_S011 (11) stato limite ultimo - ASTA (356- 357) 636
 ----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |

Copertura area carburante - Relazione di calcolo

| 5- 1|	11622.7|	0.0|	0.0|	16359.0|	-0.9|	36.0|
| 6- 1|	11005.6|	81.1|	0.0|	14610.8|	-0.1|	37.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx |	752.8|	0.0|	0.0|	752.8|
| 5- 1|si| 6| Tz |	534.8|	-1.5|	0.0|	534.8|
| 6- 1|si| 9| Ty |	575.1|	0.0|	-7.3|	575.2|
| 5- 1|si| 7| Si |	752.8|	-1.5|	0.0|	752.8|

24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12416.6|	21.5|	0.0|	16359.0|	-0.9|	29.8|
| 6- 1|	11826.4|	83.6|	0.0|	14610.8|	-0.1|	30.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si |	760.8|	0.0|	0.0|	760.8|
| 5- 1|si| 6| Tz |	527.2|	-1.2|	0.0|	527.2|
| 6- 1|si| 9| Ty |	575.1|	0.0|	-6.1|	575.2|

48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	13060.3|	43.1|	0.0|	16359.0|	-0.9|	23.6|
| 12-16|	2639.1|	-794.2|	0.0|	2344.6|	-7.1|	12.9|
| 6- 1|	12497.0|	86.0|	0.0|	14610.8|	-0.1|	24.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si |	767.4|	0.0|	0.0|	767.4|
| 12-16|si| 6| Tz |	72.5|	-1.0|	0.0|	72.5|
| 6- 1|si| 9| Ty |	575.1|	0.0|	-4.9|	575.2|

72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	13553.7|	64.7|	0.0|	16359.0|	-0.9|	17.3|
| 12-16|	2891.9|	-622.7|	0.0|	2344.6|	-7.1|	8.1|
| 6- 1|	13017.3|	88.5|	0.0|	14610.8|	-0.1|	18.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si |	772.6|	0.0|	0.0|	772.6|
| 12-16|si| 6| Tz |	69.1|	-0.8|	0.0|	69.1|
| 6- 1|si| 9| Ty |	575.1|	0.0|	-3.6|	575.1|

96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	13896.8|	86.3|	0.0|	16359.0|	-0.9|	11.1|
| 12-16|	3029.1|	-451.3|	0.0|	2344.6|	-7.1|	3.3|
| 6- 1|	13387.3|	91.0|	0.0|	14610.8|	-0.1|	12.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si |	776.4|	0.0|	0.0|	776.4|
| 12-16|si| 6| Tz |	66.7|	-0.7|	0.0|	66.7|
| 6- 1|si| 9| Ty |	575.1|	0.0|	-2.4|	575.1|

121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14089.7|	107.9|	0.0|	16359.0|	-0.9|	4.9|
| 12- 1|	3877.8|	340.3|	0.0|	5140.9|	6.9|	-5.2|
| 11- 1|	4738.0|	383.7|	0.0|	8483.9|	3.0|	-7.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si |	778.8|	0.0|	0.0|	778.8|
| 12- 1|si| 6| Tz |	163.8|	0.7|	0.0|	163.8|
| 11- 1|si| 9| Ty |	334.3|	0.0|	1.4|	334.3|

145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14132.3|	129.5|	0.0|	16359.0|	-0.9|	-1.3|
| 12- 1|	3693.9|	173.1|	0.0|	5140.9|	6.9|	-10.0|
| 8- 2|	2464.9|	-13.9|	0.0|	1884.4|	-1.6|	-12.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si |	779.7|	0.0|	0.0|	779.7|
| 12- 1|si| 6| Tz |	166.6|	0.9|	0.0|	166.6|
| 8- 2|si| 9| Ty |	74.1|	0.0|	2.4|	74.3|

169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14024.6|	151.1|	0.0|	16359.0|	-0.9|	-7.6|
| 12- 1|	3394.3|	5.9|	0.0|	5140.9|	6.9|	-14.8|
| 8- 2|	2097.0|	25.4|	0.0|	1884.4|	-1.6|	-18.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si |	779.3|	0.0|	0.0|	779.3|
| 12- 1|si| 6| Tz |	170.4|	1.1|	0.0|	170.5|
| 8- 2|si| 9| Ty |	74.2|	0.0|	3.6|	74.5|

193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	13766.7|	172.7|	0.0|	16359.0|	-0.9|	-13.8|
| 12- 1|	2979.1|	-161.3|	0.0|	5140.9|	6.9|	-19.6|
| 8- 2|	1578.9|	64.6|	0.0|	1884.4|	-1.6|	-24.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si |	777.4|	0.0|	0.0|	777.4|
| 12- 1|si| 6| Tz |	175.4|	1.3|	0.0|	175.4|
| 8- 2|si| 9| Ty |	74.2|	0.0|	4.8|	74.7|

VERIFICA STABILITA` :

|L0 = 193.1

Copertura area carburante - Relazione di calcolo

Z |Lc = 193.|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11-16 - Nodo 1 - Asse Y
 Ned = -998.4|Mezq = 2190.6|Myeq = -528.8|Ss = -90.5 (0.035)

P_HEA120_S011 (11) stato limite ultimo - ASTA (357- 358) 637

----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	13766.7|	172.7|	0.0|	21913.1|	-0.9|	16.0|
12-16|	2422.0|	234.7|	0.0|	4461.0|	-7.8|	19.1|
7- 2|	909.0|	-55.2|	0.0|	1762.2|	-0.3|	29.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si|	996.0|	0.0|	0.0|	996.0|
12-16|si| 6|			Tz	151.4|	-1.3|	0.0|	151.4|
7- 2|si| 9|			Ty	69.3|	0.0|	-5.8|	70.0|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	14077.1|	194.3|	0.0|	21913.1|	-0.9|	9.8|
12-16|	2825.3|	423.4|	0.0|	4461.0|	-7.8|	14.3|
7- 2|	1544.5|	-47.8|	0.0|	1762.2|	-0.3|	23.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si|	999.5|	0.0|	0.0|	999.5|
12-16|si| 6|			Tz	146.4|	-1.1|	0.0|	146.4|
7- 2|si| 9|			Ty	69.3|	0.0|	-4.6|	69.8|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	14237.3|	215.9|	0.0|	21913.1|	-0.9|	3.5|
12-16|	3113.1|	612.2|	0.0|	4461.0|	-7.8|	9.5|
7- 2|	2029.8|	-40.4|	0.0|	1762.2|	-0.3|	17.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si|	1001.5|	0.0|	0.0|	1001.5|
12-16|si| 6|			Tz	142.5|	-1.0|	0.0|	142.5|
7- 2|si| 9|			Ty	69.3|	0.0|	-3.4|	69.5|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	14247.2|	237.5|	0.0|	21913.1|	-0.9|	-2.7|
12-16|	3285.2|	800.9|	0.0|	4461.0|	-7.8|	4.7|
7- 2|	2364.7|	-33.1|	0.0|	1762.2|	-0.3|	10.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si|	1002.2|	0.0|	0.0|	1002.2|
12-16|si| 6|			Tz	139.7|	-0.8|	0.0|	139.7|
7- 2|si| 9|			Ty	69.3|	0.0|	-2.1|	69.4|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	14106.8|	259.0|	0.0|	21913.1|	-0.9|	-8.9|
12- 1|	3619.9|	-899.3|	0.0|	5913.4|	7.6|	-2.9|
7- 1|	12901.8|	247.7|	0.0|	20340.3|	-0.8|	-9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si|	1001.4|	0.0|	0.0|	1001.4|
12- 1|si| 6|			Tz	204.4|	0.7|	0.0|	204.4|
7- 1|si| 9|			Ty	800.7|	0.0|	1.8|	800.8|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	13816.1|	280.6|	0.0|	21913.1|	-0.9|	-15.2|
12- 1|	3491.2|	-1083.7|	0.0|	5913.4|	7.6|	-7.7|
7- 1|	12601.1|	267.3|	0.0|	20340.3|	-0.8|	-15.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si|	999.3|	0.0|	0.0|	999.3|
12- 1|si| 6|			Tz	206.8|	0.9|	0.0|	206.8|
7- 1|si| 9|			Ty	800.8|	0.0|	3.1|	800.8|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	13375.2|	302.2|	0.0|	21913.1|	-0.9|	-21.4|
12- 1|	3246.8|	-1268.2|	0.0|	5913.4|	7.6|	-12.5|
7- 1|	12150.1|	287.0|	0.0|	20340.3|	-0.8|	-21.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si|	995.7|	0.0|	0.0|	995.7|
12- 1|si| 6|			Tz	210.2|	1.1|	0.0|	210.2|
7- 1|si| 9|			Ty	800.8|	0.0|	4.3|	800.8|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	12784.0|	323.8|	0.0|	21913.1|	-0.9|	-27.6|
12- 1|	2886.8|	-1452.7|	0.0|	5913.4|	7.6|	-17.3|
7- 1|	11548.8|	306.6|	0.0|	20340.3|	-0.8|	-28.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx			Si|	990.7|	0.0|	0.0|	990.7|
12- 1|si| 6|			Tz	214.8|	1.2|	0.0|	214.8|
7- 1|si| 9|			Ty	800.8|	0.0|	5.5|	800.9|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	12042.6|	345.4|	0.0|	21913.1|	-0.9|	-33.8|
12- 1|	2411.3|	-1637.2|	0.0|	5913.4|	7.6|	-22.1|
7- 1|	10797.3|	326.2|	0.0|	20340.3|	-0.8|	-34.3|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	984.3	0.0	0.0	984.3
12-1	si	6	Tz	220.4	1.4	0.0	220.4
7-1	si	9	Ty	800.8	0.0	6.8	800.9

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (358- 359) 638
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12047.8	120.5	0.0	21117.9	1.2	32.0
12-11	2422.5	1741.4	0.0	5849.2	16.1	21.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	947.2	0.0	0.0	947.2
12-11	si	5	Tz	218.4	2.1	0.0	218.4
6-1	si	9	Ty	831.2	0.0	-6.3	831.3

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12744.6	91.8	0.0	21117.9	1.2	25.8
12-11	2893.5	1352.0	0.0	5849.2	16.1	17.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	953.0	0.0	0.0	953.0
12-11	si	5	Tz	211.5	1.9	0.0	211.6
6-1	si	9	Ty	831.2	0.0	-5.1	831.2

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13291.2	63.0	0.0	21117.9	1.2	19.5
12-11	3248.8	962.6	0.0	5849.2	16.1	12.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	957.4	0.0	0.0	957.4
12-11	si	5	Tz	205.8	1.7	0.0	205.8
6-1	si	9	Ty	831.1	0.0	-3.9	831.2

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13687.5	34.3	0.0	21117.9	1.2	13.3
12-11	3488.6	573.2	0.0	5849.2	16.1	7.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	960.4	0.0	0.0	960.4
12-11	si	5	Tz	201.1	1.5	0.0	201.1
6-1	si	9	Ty	831.1	0.0	-2.6	831.1

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13933.5	5.5	0.0	21117.9	1.2	7.1
12-11	3612.8	183.8	0.0	5849.2	16.1	2.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	961.9	0.0	0.0	961.9
12-11	si	5	Tz	197.5	1.3	0.0	197.5
6-1	si	9	Ty	831.1	0.0	-1.4	831.1

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	14029.3	-23.2	0.0	21117.9	1.2	0.9
12-9	3237.9	-197.7	0.0	4399.1	16.1	-5.2
11-3	2794.9	-105.3	0.0	2699.6	5.5	-8.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	963.3	0.0	0.0	963.3
12-9	si	6	Tz	144.0	1.4	0.0	144.0
11-3	si	9	Ty	106.1	0.0	1.7	106.2

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13974.8	-51.9	0.0	21117.9	1.2	-5.4
12-9	3054.5	-586.3	0.0	4399.1	16.1	-10.0
11-3	2524.3	-239.1	0.0	2699.6	5.5	-13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	963.5	0.0	0.0	963.5
12-9	si	6	Tz	148.2	1.6	0.0	148.2
11-3	si	9	Ty	106.0	0.0	2.7	106.1

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13770.0	-80.7	0.0	21117.9	1.2	-11.6
12-9	2755.6	-974.9	0.0	4399.1	16.1	-14.8
8-2	2116.0	132.9	0.0	3224.8	1.5	-19.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	962.3	0.0	0.0	962.3
12-9	si	6	Tz	153.4	1.8	0.0	153.4
8-2	si	9	Ty	127.1	0.0	3.9	127.2

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13415.0	-109.4	0.0	21117.9	1.2	-17.8
12-9	2341.2	-1363.5	0.0	4399.1	16.1	-19.6
8-2	1563.4	97.8	0.0	3224.8	1.5	-26.0

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	959.8	0.0	0.0	959.8
12-9	|si|6	Tz		159.7	2.0	0.0	159.8
8-2	|si|9	Ty		127.0	0.0	5.1	127.3

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEAL20_S011 (11) stato limite ultimo - ASTA (359- 360) 639
----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	13415.0	-109.4	0.0	14785.0	1.2	12.5
12-11	2953.6	-1373.8	0.0	5006.9	15.4	19.6
7-2	2226.4	-16.2	0.0	4722.7	0.1	26.8

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	710.5	0.0	0.0	710.5
12-11	|si|5	Tz		160.7	1.9	0.0	160.7
7-2	|si|9	Ty		185.8	0.0	-5.3	186.1

----- PROGR. 24.

Caso	MZ	MY	MT	N	TZ	TY
6-1	13640.7	-138.1	0.0	14785.0	1.2	6.2
12-11	3367.8	-1746.0	0.0	5006.9	15.4	14.8
7-2	2797.2	-18.7	0.0	4722.7	0.1	20.5

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	713.4	0.0	0.0	713.4
12-11	|si|5	Tz		154.5	1.7	0.0	154.5
7-2	|si|9	Ty		185.8	0.0	-4.1	186.0

----- PROGR. 48.

Caso	MZ	MY	MT	N	TZ	TY
6-1	13716.0	-166.9	0.0	14785.0	1.2	0.0
12-11	3666.3	-2118.1	0.0	5006.9	15.4	10.0
7-2	3217.7	-21.2	0.0	4722.7	0.1	14.3

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	714.9	0.0	0.0	714.9
12-11	|si|5	Tz		149.4	1.5	0.0	149.4
7-2	|si|9	Ty		185.8	0.0	-2.8	185.9

----- PROGR. 72.

Caso	MZ	MY	MT	N	TZ	TY
6-1	13641.2	-195.6	0.0	14785.0	1.2	-6.2
12-11	3849.3	-2490.2	0.0	5006.9	15.4	5.2
7-2	3487.9	-23.7	0.0	4722.7	0.1	8.1

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	714.9	0.0	0.0	714.9
12-11	|si|5	Tz		145.3	1.3	0.0	145.3
7-2	|si|9	Ty		185.8	0.0	-1.6	185.9

----- PROGR. 96.

Caso	MZ	MY	MT	N	TZ	TY
6-1	13416.0	-224.3	0.0	14785.0	1.2	-12.4
12-6	3079.0	2744.9	0.0	2511.0	-14.6	-3.1
5-1	12920.1	-234.2	0.0	13072.6	2.0	-13.5

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	713.5	0.0	0.0	713.5
12-6	|si|5	Tz		87.2	-1.2	0.0	87.2
5-1	|si|9	Ty		514.2	0.0	2.7	514.2

----- PROGR. 121.

Caso	MZ	MY	MT	N	TZ	TY
6-1	13040.6	-253.1	0.0	14785.0	1.2	-18.7
12-6	2946.6	3098.3	0.0	2511.0	-14.6	-7.9
5-1	12520.2	-282.5	0.0	13072.6	2.0	-19.7

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	710.8	0.0	0.0	710.8
12-6	|si|5	Tz		90.6	-1.4	0.0	90.7
5-1	|si|9	Ty		514.2	0.0	3.9	514.2

----- PROGR. 145.

Caso	MZ	MY	MT	N	TZ	TY
6-1	12514.9	-281.8	0.0	14785.0	1.2	-24.9
12-6	2698.6	3451.7	0.0	2511.0	-14.6	-12.7
5-1	11970.0	-330.8	0.0	13072.6	2.0	-25.9

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	706.6	0.0	0.0	706.6
12-6	|si|5	Tz		95.2	-1.6	0.0	95.2
5-1	|si|9	Ty		514.1	0.0	5.1	514.2

----- PROGR. 169.

Caso	MZ	MY	MT	N	TZ	TY
6-1	11839.0	-310.5	0.0	14785.0	1.2	-31.1
12-6	2335.1	3805.1	0.0	2511.0	-14.6	-17.5
5-1	11269.5	-379.1	0.0	13072.6	2.0	-32.1

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|3	Sx	Si	701.0	0.0	0.0	701.0
12-6	si 5	Tz		100.8	-1.8	0.0	100.9
5-1	si 9	Ty		514.1	0.0	6.3	514.2

----- PROGR. 193.

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

6- 1	11012.8	-339.3	0.0	14785.0	1.2	-37.4
| 12- 6|	1855.9|	4158.4|	0.0|	2511.0|	-14.6|	-22.3|
| 5- 1|	10418.8|	-427.4|	0.0|	13072.6|	2.0|	-38.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	694.0|	0.0|	0.0|	694.0|
| 12- 6|si| 5|	Tz |	107.5|	-2.0|	0.0|	107.6|
| 5- 1|si| 9|	Ty |	514.0|	0.0|	7.6|	514.2|

VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11- 3 - Nodo 1 - Asse Y
 Ned = -1094.4|Mzeq = 2204.4|Myeq = -1327.6|Ss = -116.9 (0.045)

P_HEA120_S011 (11) stato limite ultimo - ASTA (360- 361) 640
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	4047.1|	1343.3|	0.0|	9204.3|	16.8|	21.0|
| 12-15|	3005.7|	-3663.2|	0.0|	2763.6|	-56.1|	10.2|
| 5- 1|	10418.8|	-427.4|	0.0|	-3145.0|	-1.1|	-30.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-14|si| 4|Sx |	Si |	435.1|	0.0|	0.0|	435.1|
| 12-15|si| 6|	Tz |	103.6|	-4.5|	0.0|	103.9|
| 5- 1|si| 9|	Ty |	-124.2|	0.0|	5.9|	124.7|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	4494.8|	937.6|	0.0|	9204.3|	16.8|	16.2|
| 12-15|	3193.6|	-2309.9|	0.0|	2763.6|	-56.1|	5.4|
| 5- 1|	9620.9|	-400.7|	0.0|	-3145.0|	-1.1|	-36.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-14|si| 4|Sx |	Si |	428.8|	0.0|	0.0|	428.8|
| 12-15|si| 6|	Tz |	93.3|	-4.3|	0.0|	93.6|
| 5- 1|si| 9|	Ty |	-124.2|	0.0|	7.1|	124.8|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	4826.9|	531.9|	0.0|	9204.3|	16.8|	11.4|
| 12-13|	1905.4|	-941.8|	0.0|	-2194.8|	-56.1|	-7.6|
| 5- 1|	8672.7|	-374.0|	0.0|	-3145.0|	-1.1|	-42.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-14|si| 4|Sx |	Si |	421.3|	0.0|	0.0|	421.3|
| 12-13|si| 5|	Tz |	-110.2|	-4.4|	0.0|	110.4|
| 5- 1|si| 9|	Ty |	-124.2|	0.0|	8.4|	125.0|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-14|	5043.4|	126.2|	0.0|	9204.3|	16.8|	6.6|
| 12-13|	1664.5|	410.4|	0.0|	-2194.8|	-56.1|	-12.4|
| 5- 1|	7574.3|	-347.3|	0.0|	-3145.0|	-1.1|	-48.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-14|si| 4|Sx |	Si |	412.8|	0.0|	0.0|	412.8|
| 12-13|si| 5|	Tz |	-99.4|	-4.6|	0.0|	99.7|
| 5- 1|si| 9|	Ty |	-124.1|	0.0|	9.6|	125.3|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	5183.4|	629.4|	0.0|	9085.2|	-16.5|	1.6|
| 12-13|	1307.9|	1762.6|	0.0|	-2194.8|	-56.1|	-17.2|
| 5- 1|	6325.6|	-320.6|	0.0|	-3145.0|	-1.1|	-54.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-16|si| 4|Sx |	Si |	422.5|	0.0|	0.0|	422.5|
| 12-13|si| 5|	Tz |	-87.6|	-4.8|	0.0|	88.0|
| 5- 1|si| 9|	Ty |	-124.1|	0.0|	10.8|	125.5|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	5163.3|	1026.7|	0.0|	9085.2|	-16.5|	-3.2|
| 12-13|	835.7|	3114.8|	0.0|	-2194.8|	-56.1|	-22.0|
| 5- 1|	4926.7|	-293.8|	0.0|	-3145.0|	-1.1|	-61.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-16|si| 4|Sx |	Si |	432.7|	0.0|	0.0|	432.7|
| 12-13|si| 5|	Tz |	-74.7|	-5.0|	0.0|	75.2|
| 5- 1|si| 9|	Ty |	-124.1|	0.0|	12.0|	125.8|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	5027.7|	1424.0|	0.0|	9085.2|	-16.5|	-8.0|
| 12-13|	248.0|	4467.0|	0.0|	-2194.8|	-56.1|	-26.8|
| 5- 1|	3377.5|	-267.1|	0.0|	-3145.0|	-1.1|	-67.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11-16|si| 4|Sx |	Si |	441.7|	0.0|	0.0|	441.7|
| 12-13|si| 5|	Tz |	-60.7|	-5.2|	0.0|	61.3|
| 5- 1|si| 9|	Ty |	-124.1|	0.0|	13.3|	126.2|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
11-16	4776.4	1821.2	0.0	9085.2	-16.5	-12.8

Copertura area carburante - Relazione di calcolo

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| 12-13|      -455.4|    5819.2|      0.0|   -2194.8|    -56.1|    -31.5|
| 5- 1|      1678.0|   -240.4|      0.0|   -3145.0|     -1.1|   -73.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-16|si| 4|Sx |Si | 449.7| 0.0| 0.0| 449.7|
| 12-13|si| 5| Tz |  -45.6| -5.4| 0.0| 46.5|
| 5- 1|si| 9| Ty | -124.0| 0.0| 14.5| 126.5|
----- PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-16| 4409.6| 2218.5| 0.0| 9085.2| -16.5| -17.6|
| 12-13| -1274.3| 7171.4| 0.0| -2194.8| -56.1| -36.3|
| 5- 1| -171.8| -213.7| 0.0| -3145.0| -1.1| -79.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-16|si| 4|Sx |Si | 456.5| 0.0| 0.0| 456.5|
| 12-13|si| 5| Tz |  -29.4| -5.6| 0.0| 30.9|
| 5- 1|si| 9| Ty | -124.0| 0.0| 15.7| 127.0|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b )=0.3400|ki=0.9038|
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c )=0.4900|ki=0.7014|
Caso11- 1 - Nodo 4 - Asse Y
Ned = -8122.5|Mzeq = -3333.6|Myeq = -1736.0|Ss = -535.9 ( 0.205)

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 345- 355) 656
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -15182.5| -0.2| 32.6|
| 11- 1| 0.0| 0.0| 0.0| 7979.8| -2.3| 42.0|
| 7- 1| 0.0| 0.0| 0.0| -7083.5| 0.0| 45.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si | -597.5| 0.0| 0.0| 597.5|
| 11- 1|si| 6| Tz | 314.0| -1.8| 0.0| 314.1|
| 7- 1|si| 9| Ty | -278.8| 0.0| -9.0| 279.2|
| 6- 1|si| 9| Si | -597.5| 0.0| -6.4| 597.6|
----- PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 712.5| 5.1| 0.0| -15182.5| -0.2| 26.4|
| 11- 1| 956.2| 54.3| 0.0| 7979.8| -2.3| 37.2|
| 7- 1| 1022.0| 0.8| 0.0| -7083.5| 0.0| 39.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si | -604.3| 0.0| 0.0| 604.3|
| 11- 1|si| 6| Tz | 304.7| -1.6| 0.0| 304.7|
| 7- 1|si| 9| Ty | -278.8| 0.0| -7.7| 279.1|
----- PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1274.7| 10.1| 0.0| -15182.5| -0.2| 20.2|
| 11- 1| 1796.8| 108.6| 0.0| 7979.8| -2.3| 32.4|
| 7- 1| 1893.8| 1.5| 0.0| -7083.5| 0.0| 33.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si | -609.7| 0.0| 0.0| 609.7|
| 11- 1|si| 6| Tz | 296.5| -1.5| 0.0| 296.5|
| 7- 1|si| 9| Ty | -278.8| 0.0| -6.5| 279.0|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1686.7| 15.2| 0.0| -15182.5| -0.2| 14.0|
| 11- 1| 2521.8| 162.9| 0.0| 7979.8| -2.3| 27.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si | -613.7| 0.0| 0.0| 613.7|
| 11- 1|si| 6| Tz | 289.4| -1.3| 0.0| 289.4|
| 11- 1|si| 9| Ty | 314.2| 0.0| -5.5| 314.4|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1948.3| 20.3| 0.0| -15182.5| -0.2| 7.7|
| 11- 1| 3131.3| 217.2| 0.0| 7979.8| -2.3| 22.9|
| 11-16| -1298.2| -207.3| 0.0| -14030.7| 2.1| -23.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si | -616.3| 0.0| 0.0| 616.3|
| 11- 1|si| 6| Tz | 283.3| -1.1| 0.0| 283.3|
| 11-16|si| 9| Ty | -552.4| 0.0| 4.5| 552.5|
----- PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 2059.8| 25.3| 0.0| -15182.5| -0.2| 1.5|
| 11-16| -1911.8| -259.2| 0.0| -14030.7| 2.1| -27.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si | -617.5| 0.0| 0.0| 617.5|
| 11-16|si| 6| Tz | -532.6| 1.3| 0.0| 532.6|
| 11-16|si| 9| Ty | -552.5| 0.0| 5.5| 552.5|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 2020.9| 30.4| 0.0| -15182.5| -0.2| -4.7|
| 11-16| -2640.9| -311.0| 0.0| -14030.7| 2.1| -32.6|
| 7- 2| -2166.6| -42.8| 0.0| -11869.8| 0.3| -33.7|

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -617.2| 0.0| 0.0| 617.2|
| 11-16|si| 6| Tz | | -525.4| 1.5| 0.0| 525.4|
| 7- 2|si| 9| Ty | | -467.2| 0.0| 6.6| 467.3|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1831.8| 35.5| 0.0| -15182.5| -0.2| -11.0|
| 11-16| -3485.6| -362.9| 0.0| -14030.7| 2.1| -37.4|
| 7- 2| -3053.6| -49.9| 0.0| -11869.8| 0.3| -39.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -615.6| 0.0| 0.0| 615.6|
| 11-16|si| 6| Tz | | -517.2| 1.6| 0.0| 517.2|
| 7- 2|si| 9| Ty | | -467.2| 0.0| 7.9| 467.4|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1492.4| 40.6| 0.0| -15182.5| -0.2| -17.2|
| 7- 2| -4090.9| -57.0| 0.0| -11869.8| 0.3| -46.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -612.5| 0.0| 0.0| 612.5|
| 7- 2|si| 6| Tz | | -428.4| 1.9| 0.0| 428.4|
| 7- 2|si| 9| Ty | | -467.2| 0.0| 9.1| 467.5|
-----
VERIFICA STABILITA` :
|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -15182.5|Mzeq = 2011.9|Myeq = 30.4|Ss = -872.5 ( 0.333)

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 361- 362) 657
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -1615.5| -179.3| 0.0| -20626.9| -0.9| 33.3|
| 12- 1| -1405.4| -7323.1| 0.0| -6300.6| -37.9| 26.4|
| 11- 1| -4444.8| -2314.7| 0.0| -14285.6| -12.0| 42.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 4|Sx | Si | -831.6| 0.0| 0.0| 831.6|
| 12- 1|si| 6| Tz | | -188.8| -3.8| 0.0| 188.9|
| 11- 1|si| 9| Ty | | -564.7| 0.0| -8.3| 564.9|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -887.6| -156.9| 0.0| -20626.9| -0.9| 27.1|
| 12- 1| -825.2| -6407.7| 0.0| -6300.6| -37.9| 21.7|
| 11- 1| -3484.6| -2025.4| 0.0| -14285.6| -12.0| 37.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 4|Sx | Si | -824.2| 0.0| 0.0| 824.2|
| 12- 1|si| 6| Tz | | -200.0| -3.6| 0.0| 200.1|
| 11- 1|si| 9| Ty | | -564.4| 0.0| -7.4| 564.5|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -310.0| -134.5| 0.0| -20626.9| -0.9| 20.8|
| 12- 1| -360.5| -5492.3| 0.0| -6300.6| -37.9| 16.9|
| 11- 1| -2640.0| -1736.0| 0.0| -14285.6| -12.0| 32.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 4|Sx | Si | -818.2| 0.0| 0.0| 818.2|
| 12- 1|si| 6| Tz | | -210.1| -3.5| 0.0| 210.2|
| 11- 1|si| 9| Ty | | -564.1| 0.0| -6.4| 564.2|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 117.3| -112.1| 0.0| -20626.9| -0.9| 14.6|
| 12- 1| -11.4| -4576.9| 0.0| -6300.6| -37.9| 12.1|
| 11- 1| -1911.0| -1446.7| 0.0| -14285.6| -12.0| 27.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx | Si | -815.8| 0.0| 0.0| 815.8|
| 12- 1|si| 6| Tz | | -219.1| -3.3| 0.0| 219.2|
| 11- 1|si| 9| Ty | | -563.8| 0.0| -5.5| 563.8|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 394.4| -89.6| 0.0| -20626.9| -0.9| 8.4|
| 12- 1| 222.0| -3661.6| 0.0| -6300.6| -37.9| 7.3|
| 11- 1| -1297.7| -1157.4| 0.0| -14285.6| -12.0| 23.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx | Si | -817.8| 0.0| 0.0| 817.8|
| 12- 1|si| 6| Tz | | -227.0| -3.1| 0.0| 227.1|
| 11- 1|si| 9| Ty | | -563.5| 0.0| -4.5| 563.5|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 521.2| -67.2| 0.0| -20626.9| -0.9| 2.1|
| 12-16| 1380.8| 2710.1| 0.0| 245.8| 37.4| -11.9|
| 11-16| 2520.5| 831.9| 0.0| 8230.9| 11.5| -27.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

7- 1 si 1 Sx	Si	-818.4	0.0	0.0	818.4			
| 12-16|si| 6| Tz		-20.3|	3.2|	0.0|	21.0|			
| 11-16|si| 9| Ty		324.8|	0.0|	5.5|	325.0|			
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	497.7|	-44.8|	0.0|	-20626.9|	-0.9|	-4.1|		
| 12-16|	1036.1|	1806.7|	0.0|	245.8|	37.4|	-16.7|		
| 11-16|	1795.9|	554.6|	0.0|	8230.9|	11.5|	-32.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 1|Sx	Si	-817.6|	0.0|	0.0|	817.6|			
| 12-16|si| 6| Tz		-11.4|	3.4|	0.0|	12.8|			
| 11-16|si| 9| Ty		324.5|	0.0|	6.4|	324.7|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	324.0|	-22.4|	0.0|	-20626.9|	-0.9|	-10.3|		
| 12-16|	575.8|	903.4|	0.0|	245.8|	37.4|	-21.5|		
| 11-16|	955.8|	277.3|	0.0|	8230.9|	11.5|	-37.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 1|Sx	Si	-815.4|	0.0|	0.0|	815.4|			
| 12-16|si| 6| Tz		-1.4|	3.6|	0.0|	6.4|			
| 11-16|si| 9| Ty		324.2|	0.0|	7.3|	324.5|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	0.0|	0.0|	0.0|	-20626.9|	-0.9|	-16.5|		
| 12-16|	0.0|	0.0|	0.0|	245.8|	37.4|	-26.3|		
| 11-16|	0.0|	0.0|	0.0|	8230.9|	11.5|	-42.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 1|Sx	Si	-811.8|	0.0|	0.0|	811.8|			
| 12-16|si| 6| Tz		9.7|	3.8|	0.0|	11.7|			
| 11-16|si| 9| Ty		323.9|	0.0|	8.3|	324.2|			
| 7- 1|si| 9| Si		-811.8|	0.0|	3.3|	811.8|			

VERIFICA STABILITA` :								
|L0 = 193.1								
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|								
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|								
Caso 7- 1 - Nodo 4 - Asse Y								
Ned = -20626.9|Mzeq = -1211.6|Myeq = -134.5|Ss = -1173.6 (0.448)								

P_HEA120_S011 (11)	stato limite ultimo - ASTA (646- 647)					1046		
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	8309.4|	108.8|	0.0|	13074.7|	-0.6|	68.1|		
| 12-12|	998.4|	8477.2|	0.0|	2758.1|	52.8|	31.2|		
| 6- 1|	8173.2|	148.7|	0.0|	12806.2|	-0.8|	68.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 4|Sx	Si	595.3|	0.0|	0.0|	595.3|			
| 12-12|si| 5| Tz		152.4|	5.1|	0.0|	152.7|			
| 6- 1|si| 9| Ty		504.1|	0.0|	-13.6|	504.7|			
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	9878.2|	122.4|	0.0|	13074.7|	-0.6|	61.9|		
| 12-12|	1692.8|	7203.5|	0.0|	2758.1|	52.8|	26.4|		
| 6- 1|	9760.7|	167.3|	0.0|	12806.2|	-0.8|	62.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 4|Sx	Si	610.4|	0.0|	0.0|	610.4|			
| 12-12|si| 5| Tz		137.9|	4.9|	0.0|	138.2|			
| 6- 1|si| 9| Ty		504.2|	0.0|	-12.4|	504.6|			
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	11296.8|	136.0|	0.0|	13074.7|	-0.6|	55.7|		
| 12-12|	2271.6|	5929.9|	0.0|	2758.1|	52.8|	21.6|		
| 6- 1|	11198.0|	185.9|	0.0|	12806.2|	-0.8|	56.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 4|Sx	Si	624.1|	0.0|	0.0|	624.1|			
| 12-12|si| 5| Tz		124.5|	4.7|	0.0|	124.7|			
| 6- 1|si| 9| Ty		504.2|	0.0|	-11.1|	504.5|			
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	12565.0|	149.6|	0.0|	13074.7|	-0.6|	49.5|		
| 12-12|	2734.8|	4656.2|	0.0|	2758.1|	52.8|	16.8|		
| 6- 1|	12485.0|	204.5|	0.0|	12806.2|	-0.8|	50.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 4|Sx	Si	636.3|	0.0|	0.0|	636.3|			
| 12-12|si| 5| Tz		112.1|	4.5|	0.0|	112.4|			
| 6- 1|si| 9| Ty		504.2|	0.0|	-9.9|	504.5|			
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	13683.1|	163.2|	0.0|	13074.7|	-0.6|	43.2|		
| 12-12|	3082.4|	3382.5|	0.0|	2758.1|	52.8|	12.0|		
| 6- 1|	13621.8|	223.1|	0.0|	12806.2|	-0.8|	44.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				

Copertura area carburante - Relazione di calcolo

| 5- 1|	|si| 4|	Sx	Si|	647.1|	0.0|	0.0|	647.1|
| 12-12|	|si| 5|	Tz	|	100.9|	4.4|	0.0|	101.1|
| 6- 1|	|si| 9|	Ty	|	504.2|	0.0|	-8.7|	504.4|

PROGR.

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	14650.8|	176.8|	0.0|	13074.7|	-0.6|	37.0|
| 12-12|	3314.4|	2108.9|	0.0|	2758.1|	52.8|	7.2|
| 6- 1|	14608.2|	241.7|	0.0|	12806.2|	-0.8|	37.8|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|	Sx	Si|	656.6|	0.0|	0.0|	656.6|
| 12-12|	|si| 5|	Tz	|	90.7|	4.2|	0.0|	91.0|
| 6- 1|	|si| 9|	Ty	|	504.2|	0.0|	-7.4|	504.4|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	15468.3|	190.4|	0.0|	13074.7|	-0.6|	30.8|
| 12-12|	3430.8|	835.2|	0.0|	2758.1|	52.8|	2.4|
| 6- 1|	15444.5|	260.3|	0.0|	12806.2|	-0.8|	31.5|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|	Sx	Si|	664.6|	0.0|	0.0|	664.6|
| 12-12|	|si| 5|	Tz	|	81.6|	4.0|	0.0|	81.9|
| 6- 1|	|si| 9|	Ty	|	504.3|	0.0|	-6.2|	504.4|

PROGR.

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	16135.5|	204.0|	0.0|	13074.7|	-0.6|	24.5|
| 12- 5|	3784.1|	551.6|	0.0|	3209.7|	-53.1|	-3.3|
| 6- 1|	16130.4|	278.9|	0.0|	12806.2|	-0.8|	25.3|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|	Sx	Si|	671.2|	0.0|	0.0|	671.2|
| 12- 5|	|si| 5|	Tz	|	94.3|	-4.0|	0.0|	94.5|
| 6- 1|	|si| 9|	Ty	|	504.3|	0.0|	-5.0|	504.4|

PROGR.

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	16652.4|	217.6|	0.0|	13074.7|	-0.6|	18.3|
| 12- 5|	3647.0|	1832.8|	0.0|	3209.7|	-53.1|	-8.1|
| 6- 1|	16666.1|	297.5|	0.0|	12806.2|	-0.8|	19.1|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|	Sx	Si|	676.4|	0.0|	0.0|	676.4|
| 12- 5|	|si| 5|	Tz	|	103.6|	-4.2|	0.0|	103.9|
| 6- 1|	|si| 9|	Ty	|	504.3|	0.0|	-3.8|	504.3|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (647- 649) 1048
PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	16666.1|	297.5|	0.0|	25884.9|	1.3|	39.3|
| 12- 9|	3384.2|	-1414.6|	0.0|	5985.0|	14.6|	21.4|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si| 4|	Sx	Si|	1182.8|	0.0|	0.0|	1182.8|
| 12- 9|	|si| 5|	Tz	|	194.9|	1.9|	0.0|	194.9|
| 6- 1|	|si| 9|	Ty	|	1019.0|	0.0|	-7.8|	1019.1|

PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	17540.2|	265.9|	0.0|	25884.9|	1.3|	33.1|
| 12- 9|	3842.5|	-1766.2|	0.0|	5985.0|	14.6|	16.6|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si| 4|	Sx	Si|	1190.1|	0.0|	0.0|	1190.1|
| 12- 9|	|si| 5|	Tz	|	188.4|	1.7|	0.0|	188.4|
| 6- 1|	|si| 9|	Ty	|	1019.0|	0.0|	-6.5|	1019.0|

PROGR.

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	18264.1|	234.4|	0.0|	25884.9|	1.3|	26.9|
| 12- 9|	4185.3|	-2117.8|	0.0|	5985.0|	14.6|	11.8|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si| 4|	Sx	Si|	1196.1|	0.0|	0.0|	1196.1|
| 12- 9|	|si| 5|	Tz	|	183.0|	1.5|	0.0|	183.0|
| 6- 1|	|si| 9|	Ty	|	1018.9|	0.0|	-5.3|	1019.0|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	18837.7|	202.9|	0.0|	25884.9|	1.3|	20.7|
| 12- 9|	4412.5|	-2469.3|	0.0|	5985.0|	14.6|	7.0|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si| 4|	Sx	Si|	1200.7|	0.0|	0.0|	1200.7|
| 12- 9|	|si| 5|	Tz	|	178.6|	1.3|	0.0|	178.7|
| 6- 1|	|si| 9|	Ty	|	1018.9|	0.0|	-4.1|	1018.9|

PROGR.

96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	19261.1|	171.4|	0.0|	25884.9|	1.3|	14.4|
| 12- 9|	4524.1|	-2820.9|	0.0|	5985.0|	14.6|	2.2|

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si| 4|	Sx	Si|	1203.8|	0.0|	0.0|	1203.8|

Copertura area carburante - Relazione di calcolo

| 12- 9|si| 5|	Tz	|	175.4|	1.2|	0.0|	175.4|			
| 6- 1|si| 9|	Ty	|	1018.9|	0.0|	-2.8|	1018.9|			
-----							PROGR.	121.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19534.2|	|	139.8|	|	0.0|	|	25884.9|	|	
| 12- 8|	4614.1|	|	3252.0|	|	0.0|	|	5825.8|	|	
-----							TZ	1.3|	
-----							TY	8.2|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1205.6|	|	0.0|	|	0.0|	|	
| 12- 8|si| 5|	Tz	|	206.4|	|	-1.2|	|	0.0|	|	
| 6- 1|si| 9|	Ty	|	1018.8|	|	0.0|	|	-1.6|	|	
-----							PROGR.	145.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19657.0|	|	108.3|	|	0.0|	|	25884.9|	|	
| 12- 8|	4474.2|	|	3595.4|	|	0.0|	|	5825.8|	|	
| 8- 2|	3858.6|	|	-27.9|	|	0.0|	|	4939.4|	|	
-----							TZ	1.3|	
-----							TY	2.0|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1205.9|	|	0.0|	|	0.0|	|	
| 12- 8|si| 5|	Tz	|	209.9|	|	-1.4|	|	0.0|	|	
| 8- 2|si| 9|	Ty	|	194.4|	|	0.0|	|	2.3|	|	
-----							PROGR.	169.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19629.6|	|	76.8|	|	0.0|	|	25884.9|	|	
| 12- 8|	4218.8|	|	3938.7|	|	0.0|	|	5825.8|	|	
| 8- 2|	3503.7|	|	8.1|	|	0.0|	|	4939.4|	|	
-----							TZ	1.3|	
-----							TY	-4.3|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1204.8|	|	0.0|	|	0.0|	|	
| 12- 8|si| 5|	Tz	|	214.4|	|	-1.6|	|	0.0|	|	
| 8- 2|si| 9|	Ty	|	194.4|	|	0.0|	|	3.5|	|	
-----							PROGR.	193.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19451.8|	|	45.3|	|	0.0|	|	25884.9|	|	
| 12- 8|	3847.7|	|	4282.0|	|	0.0|	|	5825.8|	|	
| 8- 2|	2998.5|	|	44.1|	|	0.0|	|	4939.4|	|	
-----							TZ	1.3|	
-----							TY	-10.5|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1202.3|	|	0.0|	|	0.0|	|	
| 12- 8|si| 5|	Tz	|	220.1|	|	-1.7|	|	0.0|	|	
| 8- 2|si| 9|	Ty	|	194.4|	|	0.0|	|	4.7|	|	
-----							PROGR.	193.	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									

P_HEA120_S011 (11)	-----							stato limite ultimo - ASTA (649- 651)	1050
-----							PROGR.	0.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19451.8|	|	45.3|	|	0.0|	|	32717.1|	|	
| 12- 9|	3814.6|	|	-4227.2|	|	0.0|	|	7352.4|	|	
| 8- 2|	2998.5|	|	44.1|	|	0.0|	|	6222.5|	|	
-----							TZ	1.3|	
-----							TY	8.3|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1471.2|	|	0.0|	|	0.0|	|	
| 12- 9|si| 5|	Tz	|	227.0|	|	1.7|	|	0.0|	|	
| 8- 2|si| 9|	Ty	|	244.9|	|	0.0|	|	-4.5|	|	
-----							PROGR.	24.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19577.2|	|	13.7|	|	0.0|	|	32717.1|	|	
| 12- 9|	4138.0|	|	-4596.0|	|	0.0|	|	7352.4|	|	
| 8- 2|	3475.9|	|	80.1|	|	0.0|	|	6222.5|	|	
-----							TZ	1.3|	
-----							TY	2.1|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|Sx	Si	|	1471.6|	|	0.0|	|	0.0|	|	
| 12- 9|si| 5|	Tz	|	221.7|	|	1.6|	|	0.0|	|	
| 8- 2|si| 9|	Ty	|	245.0|	|	0.0|	|	-3.3|	|	
-----							PROGR.	48.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19552.3|	|	-17.8|	|	0.0|	|	32717.1|	|	
| 12- 9|	4345.8|	|	-4964.9|	|	0.0|	|	7352.4|	|	
| 8- 2|	3802.9|	|	116.1|	|	0.0|	|	6222.5|	|	
-----							TZ	1.3|	
-----							TY	-4.1|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 3|Sx	Si	|	1471.4|	|	0.0|	|	0.0|	|	
| 12- 9|si| 5|	Tz	|	217.4|	|	1.4|	|	0.0|	|	
| 8- 2|si| 9|	Ty	|	245.0|	|	0.0|	|	-2.1|	|	
-----							PROGR.	72.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19377.2|	|	-49.3|	|	0.0|	|	32717.1|	|	
| 12- 9|	4438.0|	|	-5333.7|	|	0.0|	|	7352.4|	|	
-----							TZ	1.3|	
-----							TY	-10.4|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 3|Sx	Si	|	1470.6|	|	0.0|	|	0.0|	|	
| 12- 9|si| 5|	Tz	|	214.2|	|	1.2|	|	0.0|	|	
| 6- 1|si| 9|	Ty	|	1287.5|	|	0.0|	|	2.0|	|	
-----							PROGR.	96.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19051.8|	|	-80.8|	|	0.0|	|	32717.1|	|	
| 12- 9|	4414.6|	|	-5702.6|	|	0.0|	|	7352.4|	|	
-----							TZ	1.3|	
-----							TY	-16.6|	
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 3|Sx	Si	|	1470.6|	|	0.0|	|	0.0|	|	
| 12- 9|si| 5|	Tz	|	214.2|	|	1.2|	|	0.0|	|	
| 6- 1|si| 9|	Ty	|	1287.5|	|	0.0|	|	2.0|	|	
-----							PROGR.	96.	

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 3|Sx	Si	1468.4|	0.0|	0.0|	1468.4|			
| 12- 9|si| 6| Tz		283.7|	1.3|	0.0|	283.8|			
| 6- 1|si| 9| Ty		1287.5|	0.0|	3.3|	1287.5|			
-----							PROGR. 121.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	18576.1|	-112.4|	0.0|	32717.1|	1.3|	-22.8|		
| 12- 9|	4275.6|	-6071.4|	0.0|	7352.4|	15.3|	-8.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1464.7|	0.0|	0.0|	1464.7|			
| 12- 9|si| 6| Tz		287.4|	1.4|	0.0|	287.4|			
| 6- 1|si| 9| Ty		1287.4|	0.0|	4.5|	1287.5|			
-----							PROGR. 145.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	17950.1|	-143.9|	0.0|	32717.1|	1.3|	-29.1|		
| 12- 9|	4021.1|	-6440.3|	0.0|	7352.4|	15.3|	-12.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1459.7|	0.0|	0.0|	1459.7|			
| 12- 9|si| 6| Tz		292.1|	1.6|	0.0|	292.1|			
| 6- 1|si| 9| Ty		1287.4|	0.0|	5.7|	1287.4|			
-----							PROGR. 169.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	17173.9|	-175.4|	0.0|	32717.1|	1.3|	-35.3|		
| 12- 9|	3650.9|	-6809.1|	0.0|	7352.4|	15.3|	-17.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1453.2|	0.0|	0.0|	1453.2|			
| 12- 9|si| 6| Tz		297.9|	1.8|	0.0|	297.9|			
| 6- 1|si| 9| Ty		1287.4|	0.0|	7.0|	1287.4|			
-----							PROGR. 193.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	16247.4|	-207.0|	0.0|	32717.1|	1.3|	-41.5|		
| 12- 9|	3165.2|	-7178.0|	0.0|	7352.4|	15.3|	-22.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1445.3|	0.0|	0.0|	1445.3|			
| 12- 9|si| 6| Tz		304.7|	2.0|	0.0|	304.7|			
| 6- 1|si| 9| Ty		1287.3|	0.0|	8.2|	1287.4|			

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEAL20_S011 (11)	stato limite ultimo - ASTA (651- 653)						1052	
-----							PROGR. 0.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	16247.4|	-207.0|	0.0|	31748.4|	-0.9|	38.9|		
| 12- 3|	3197.9|	7168.4|	0.0|	7400.4|	141.1|	22.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1407.2|	0.0|	0.0|	1407.2|			
| 12- 3|si| 5| Tz		306.2|	11.2|	0.0|	306.9|			
| 6- 1|si| 9| Ty		1249.2|	0.0|	-7.7|	1249.3|			
-----							PROGR. 24.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	17109.9|	-186.3|	0.0|	31748.4|	-0.9|	32.6|		
| 12- 3|	3677.2|	3764.6|	0.0|	7400.4|	141.1|	17.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1414.8|	0.0|	0.0|	1414.8|			
| 12- 3|si| 5| Tz		280.4|	11.0|	0.0|	281.0|			
| 6- 1|si| 9| Ty		1249.2|	0.0|	-6.4|	1249.3|			
-----							PROGR. 48.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	17822.1|	-165.6|	0.0|	31748.4|	-0.9|	26.4|		
| 12- 3|	4040.9|	360.7|	0.0|	7400.4|	141.1|	12.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1420.9|	0.0|	0.0|	1420.9|			
| 12- 3|si| 5| Tz		255.6|	10.9|	0.0|	256.3|			
| 6- 1|si| 9| Ty		1249.3|	0.0|	-5.2|	1249.3|			
-----							PROGR. 72.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	18384.1|	-144.9|	0.0|	31748.4|	-0.9|	20.2|		
| 12- 3|	4289.0|	-3043.1|	0.0|	7400.4|	141.1|	7.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1425.7|	0.0|	0.0|	1425.7|			
| 12- 3|si| 5| Tz		231.9|	10.7|	0.0|	232.6|			
| 6- 1|si| 9| Ty		1249.3|	0.0|	-4.0|	1249.3|			
-----							PROGR. 96.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	18795.7|	-124.3|	0.0|	31748.4|	-0.9|	14.0|		
| 12- 3|	4421.5|	-6446.9|	0.0|	7400.4|	141.1|	3.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	1429.0|	0.0|	0.0|	1429.0|			
| 12- 3|si| 5| Tz		209.3|	10.5|	0.0|	210.1|			
| 6- 1|si| 9| Ty		1249.3|	0.0|	-2.8|	1249.3|			
-----							PROGR. 121.	
SOLLECITAZIONI :								

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6-1	19057.2	-103.6	0.0	31748.4	-0.9	7.7
12-14	4340.2	9835.1	0.0	6985.1	-141.1	-2.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1430.9	0.0	0.0	1430.9
12-14	si	5	Tz		295.9	-10.4	0.0	296.5
6-1	si	9	Ty		1249.3	0.0	-1.5	1249.3

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19168.3	-82.9	0.0	31748.4	-0.9	1.5
12-14	4228.7	13238.1	0.0	6985.1	-141.1	-7.0
8-2	3701.5	166.2	0.0	5987.8	1.1	-11.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1431.4	0.0	0.0	1431.4
12-14	si	5	Tz		318.3	-10.6	0.0	318.9
8-2	si	9	Ty		235.8	0.0	2.2	235.9

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19129.2	-62.3	0.0	31748.4	-0.9	-4.7
12-14	4001.7	16641.0	0.0	6985.1	-141.1	-11.8
8-2	3357.5	138.5	0.0	5987.8	1.1	-17.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1430.5	0.0	0.0	1430.5
12-14	si	5	Tz		341.8	-10.8	0.0	342.4
8-2	si	9	Ty		235.8	0.0	3.4	235.9

PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18939.8	-41.6	0.0	31748.4	-0.9	-11.0
12-14	3659.1	20043.9	0.0	6985.1	-141.1	-16.6
8-2	2863.2	110.8	0.0	5987.8	1.1	-23.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1428.2	0.0	0.0	1428.2
12-14	si	5	Tz		366.4	-11.0	0.0	366.9
8-2	si	9	Ty		235.8	0.0	4.7	235.9

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEAL20_S011 (11) stato limite ultimo - ASTA (653- 655) 1054

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18939.8	-41.6	0.0	23931.8	-0.9	11.5
12-11	3812.3	19491.7	0.0	6184.2	149.1	18.7
7-2	3100.7	4.9	0.0	5324.9	0.0	24.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1120.6	0.0	0.0	1120.6
12-11	si	5	Tz		330.0	11.7	0.0	330.6
7-2	si	9	Ty		209.6	0.0	-4.9	209.7

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19141.8	-20.9	0.0	23931.8	-0.9	5.3
12-11	4204.8	15895.6	0.0	6184.2	149.1	13.9
7-2	3626.3	4.8	0.0	5324.9	0.0	18.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1121.9	0.0	0.0	1121.9
12-11	si	5	Tz		303.7	11.5	0.0	304.4
7-2	si	9	Ty		209.6	0.0	-3.7	209.7

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19193.5	-0.3	0.0	23931.8	-0.9	-1.0
12-11	4481.7	12299.4	0.0	6184.2	149.1	9.1
7-2	4001.6	4.7	0.0	5324.9	0.0	12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1121.9	0.0	0.0	1121.9
12-11	si	5	Tz		278.6	11.3	0.0	279.2
7-2	si	9	Ty		209.6	0.0	-2.5	209.6

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19094.9	20.4	0.0	23931.8	-0.9	-7.2
12-11	4643.0	8703.3	0.0	6184.2	149.1	4.3
5-1	18944.5	34.4	0.0	23414.3	-0.2	-7.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	1121.5	0.0	0.0	1121.5
12-11	si	5	Tz		254.5	11.1	0.0	255.2
5-1	si	9	Ty		921.5	0.0	1.4	921.5

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18846.1	41.1	0.0	23931.8	-0.9	-13.4
12-6	4313.3	-5129.1	0.0	4839.3	-149.0	-2.6
5-1	18693.1	38.5	0.0	23414.3	-0.2	-13.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	1119.7	0.0	0.0	1119.7
12-6	si	5	Tz		117.8	-11.0	0.0	119.3

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9|	Ty	|	921.5|	0.0|	2.7|	921.5|		
-----								PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	18447.0|		61.7|		0.0|		23931.8|		-0.9|		-19.7|
| 12- 6|	4192.0|		-1533.9|		0.0|		4839.3|		-149.0|		-7.4|
| 5- 1|	18291.4|		42.6|		0.0|		23414.3|		-0.2|		-19.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
6- 1 si 4 Sx	Si		1116.5		0.0		0.0		1116.5
12- 6 si 5	Tz		141.5		-11.2		0.0		142.8
5- 1 si 9	Ty		921.5		0.0		3.9		921.5

-----								PROGR. 145.
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SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
6- 1	17897.6		82.4		0.0		23931.8		-0.9		-25.9
12- 6	3955.1		2061.4		0.0		4839.3		-149.0		-12.2
| 5- 1|	17739.4|		46.8|		0.0|		23414.3|		-0.2|		-26.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
6- 1 si 4 Sx	Si		1111.9		0.0		0.0		1111.9
12- 6 si 5	Tz		166.3		-11.4		0.0		167.5
5- 1 si 9	Ty		921.5		0.0		5.1		921.5

-----								PROGR. 169.
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SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
6- 1	17198.0		103.1		0.0		23931.8		-0.9		-32.1
12- 6	3602.6		5656.6		0.0		4839.3		-149.0		-17.0
| 5- 1|	17037.1|		50.9|		0.0|		23414.3|		-0.2|		-32.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
6- 1 si 4 Sx	Si		1105.8		0.0		0.0		1105.8
12- 6 si 5	Tz		192.2		-11.6		0.0		193.2
5- 1 si 9	Ty		921.5		0.0		6.4		921.6

-----								PROGR. 193.
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SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
6- 1	16348.1		123.8		0.0		23931.8		-0.9		-38.3
12- 6	3134.5		9251.8		0.0		4839.3		-149.0		-21.8
| 5- 1|	16184.6|		55.0|		0.0|		23414.3|		-0.2|		-38.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 4|Sx	Si	|	1098.4|		0.0|		0.0|		1098.4|
| 12- 6|si| 5|	Tz	|	219.1|		-11.8|		0.0|		220.1|
| 5- 1|si| 9|	Ty	|	921.5|		0.0|		7.6|		921.6|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11)	stato limite ultimo - ASTA (655- 657)	1056
-----		PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	16184.6|		55.0|		0.0|		16609.0|		0.1|		-8.1|
| 12- 2|	3155.2|		8553.6|		0.0|		3710.6|		23.2|		10.6|
| 8- 2|	2825.4|		-110.4|		0.0|		3227.5|		-0.3|		15.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
5- 1 si 4 Sx	Si		806.9		0.0		0.0		806.9
12- 2 si 5	Tz		170.1		2.1		0.0		170.2
8- 2 si 9	Ty		126.9		0.0		-3.1		127.0

-----								PROGR. 24.
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SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
5- 1	15913.1		51.6		0.0		16609.0		0.1		-14.4
12- 2	3352.7		7993.1		0.0		3710.6		23.2		5.8
| 6- 1|	16050.1|		116.0|		0.0|		16454.6|		0.3|		-15.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
5- 1 si 4 Sx	Si		804.3		0.0		0.0		804.3
12- 2 si 5	Tz		164.8		1.9		0.0		164.8
6- 1 si 9	Ty		647.7		0.0		3.0		647.7

-----								PROGR. 48.
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SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
5- 1	15491.3		48.2		0.0		16609.0		0.1		-20.6
12-15	3864.7		-7455.0		0.0		3592.2		-23.3		-1.3
| 6- 1|	15601.9|		108.3|		0.0|		16454.6|		0.3|		-21.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
5- 1 si 4 Sx	Si		800.2		0.0		0.0		800.2
12-15 si 5	Tz		58.3		-1.8		0.0		58.4
6- 1 si 9	Ty		647.7		0.0		4.3		647.7

-----								PROGR. 72.
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SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
5- 1	14919.3		44.7		0.0		16609.0		0.1		-26.8
12-15	3776.3		-6892.9		0.0		3592.2		-23.3		-6.1
| 6- 1|	15003.4|		100.6|		0.0|		16454.6|		0.3|		-27.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si
5- 1 si 4 Sx	Si		794.8		0.0		0.0		794.8
12-15 si 5	Tz		62.7		-2.0		0.0		62.8
6- 1 si 9	Ty		647.7		0.0		5.5		647.7

-----								PROGR. 96.
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SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
5- 1	14197.0		41.3		0.0		16609.0		0.1		-33.1
12-15	3572.2		-6330.8		0.0		3592.2		-23.3		-10.9
| 6- 1|	14254.7|		92.8|		0.0|		16454.6|		0.3|		-34.2|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	4|	Sx Si|	787.9|	0.0|	0.0|	787.9|	
| 12-15|	|si|	5|	Tz |	68.1|	-2.1|	0.0|	68.2|	
| 6- 1|	|si|	9|	Ty |	647.7|	0.0|	6.7|	647.8|	
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	13324.4|	37.8|	0.0|	16609.0|	0.1|	-39.3|		
| 12-15|	3252.6|	-5768.7|	0.0|	3592.2|	-23.3|	-15.6|		
| 6- 1|	13355.6|	85.1|	0.0|	16454.6|	0.3|	-40.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	4|	Sx Si|	779.6|	0.0|	0.0|	779.6|	
| 12-15|	|si|	5|	Tz |	74.6|	-2.3|	0.0|	74.7|	
| 6- 1|	|si|	9|	Ty |	647.7|	0.0|	8.0|	647.8|	
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	12301.6|	34.4|	0.0|	16609.0|	0.1|	-45.5|		
| 12-15|	2817.3|	-5206.6|	0.0|	3592.2|	-23.3|	-20.4|		
| 6- 1|	12306.3|	77.3|	0.0|	16454.6|	0.3|	-46.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	4|	Sx Si|	769.9|	0.0|	0.0|	769.9|	
| 12-15|	|si|	5|	Tz |	82.3|	-2.5|	0.0|	82.4|	
| 6- 1|	|si|	9|	Ty |	647.6|	0.0|	9.2|	647.8|	
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	11128.5|	31.0|	0.0|	16609.0|	0.1|	-51.7|		
| 12-15|	2266.5|	-4644.5|	0.0|	3592.2|	-23.3|	-25.2|		
| 6- 1|	11106.8|	69.6|	0.0|	16454.6|	0.3|	-52.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	4|	Sx Si|	758.8|	0.0|	0.0|	758.8|	
| 12-15|	|si|	5|	Tz |	90.9|	-2.7|	0.0|	91.1|	
| 6- 1|	|si|	9|	Ty |	647.6|	0.0|	10.4|	647.9|	
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	9805.1|	27.5|	0.0|	16609.0|	0.1|	-58.0|		
| 12-15|	1600.1|	-4082.4|	0.0|	3592.2|	-23.3|	-30.0|		
| 6- 1|	9756.9|	61.9|	0.0|	16454.6|	0.3|	-59.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	4|	Sx Si|	746.3|	0.0|	0.0|	746.3|	
| 12-15|	|si|	5|	Tz |	100.7|	-2.9|	0.0|	100.9|	
| 6- 1|	|si|	9|	Ty |	647.6|	0.0|	11.6|	647.9|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEAL20_S011 (11) stato limite ultimo - ASTA (626- 646) 1088								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-3946.1|	-0.8|	67.3|		
| 12- 9|	0.0|	0.0|	0.0|	-341.2|	-44.7|	25.7|		
| 5- 1|	0.0|	0.0|	0.0|	-3569.3|	-0.6|	68.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	1|	Sx Si|	-155.3|	0.0|	0.0|	155.3|	
| 12- 9|	|si|	6|	Tz |	-13.4|	-4.3|	0.0|	15.4|	
| 5- 1|	|si|	9|	Ty |	-140.5|	0.0|	-13.4|	142.4|	
| 6- 1|	|si|	9|	Si |	-155.3|	0.0|	-13.3|	157.0|	
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	1547.6|	18.6|	0.0|	-3946.1|	-0.8|	61.0|		
| 12- 9|	562.4|	1078.2|	0.0|	-341.2|	-44.7|	20.9|		
| 5- 1|	1564.6|	13.6|	0.0|	-3569.3|	-0.6|	61.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-170.3|	0.0|	0.0|	170.3|	
| 12- 9|	|si|	6|	Tz |	-25.5|	-4.1|	0.0|	26.4|	
| 5- 1|	|si|	9|	Ty |	-140.5|	0.0|	-12.2|	142.0|	
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	2944.9|	37.2|	0.0|	-3946.1|	-0.8|	54.8|		
| 12- 9|	1009.3|	2156.5|	0.0|	-341.2|	-44.7|	16.1|		
| 5- 1|	2979.0|	27.2|	0.0|	-3569.3|	-0.6|	55.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-183.9|	0.0|	0.0|	183.9|	
| 12- 9|	|si|	6|	Tz |	-36.4|	-3.9|	0.0|	37.1|	
| 5- 1|	|si|	9|	Ty |	-140.4|	0.0|	-10.9|	141.7|	
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	4192.0|	55.8|	0.0|	-3946.1|	-0.8|	48.6|		
| 12- 9|	1340.6|	3234.7|	0.0|	-341.2|	-44.7|	11.3|		
| 5- 1|	4243.0|	40.8|	0.0|	-3569.3|	-0.6|	49.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-196.1|	0.0|	0.0|	196.1|	
| 12- 9|	|si|	6|	Tz |	-46.3|	-3.7|	0.0|	46.8|	
| 5- 1|	|si|	9|	Ty |	-140.4|	0.0|	-9.7|	141.4|	
-----							PROGR.	96.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	5288.7	74.4	0.0	-3946.1	-0.8	42.3		
12- 9	1556.3	4313.0	0.0	-341.2	-44.7	6.5		
5- 1	5356.8	54.4	0.0	-3569.3	-0.6	43.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-206.8	0.0	0.0	206.8
12- 9	|si	6	Tz		-55.1	-3.5	0.0	55.4
5- 1	|si	9	Ty		-140.4	0.0	-8.5	141.2
							PROGR.	121.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	6235.3	93.0	0.0	-3946.1	-0.8	36.1		
12- 9	1656.3	5391.2	0.0	-341.2	-44.7	1.8		
5- 1	6320.4	68.0	0.0	-3569.3	-0.6	36.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-216.2	0.0	0.0	216.2
12- 9	|si	6	Tz		-62.8	-3.3	0.0	63.1
5- 1	|si	9	Ty		-140.4	0.0	-7.3	141.0
							PROGR.	145.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1625.6	-6424.2	0.0	-1139.2	44.4	-3.1		
12-11	1441.9	6408.4	0.0	-1135.8	-44.3	-4.4		
5- 1	7133.7	81.6	0.0	-3569.3	-0.6	30.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	1	|Sx	Si	-227.0	0.0	0.0	227.0
12-11	|si	5	Tz		-18.0	-3.4	0.0	18.9
5- 1	|si	9	Ty		-140.4	0.0	-6.0	140.8
							PROGR.	169.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1491.9	-7494.9	0.0	-1139.2	44.4	-7.9		
12-11	1277.6	7476.5	0.0	-1135.8	-44.3	-9.2		
5- 1	7796.7	95.2	0.0	-3569.3	-0.6	24.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	1	|Sx	Si	-253.6	0.0	0.0	253.6
12-11	|si	5	Tz		-9.7	-3.6	0.0	11.6
5- 1	|si	9	Ty		-140.4	0.0	-4.8	140.6
							PROGR.	193.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1242.7	-8565.6	0.0	-1139.2	44.4	-12.7		
12-11	997.8	8544.5	0.0	-1135.8	-44.3	-14.0		
7- 2	345.3	-55.4	0.0	-1730.7	0.3	-23.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	1	|Sx	Si	-279.0	0.0	0.0	279.0
12-11	|si	5	Tz		-0.4	-3.8	0.0	6.6
7- 2	|si	9	Ty		-68.2	0.0	4.6	68.6
							PROGR.	193.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 9	1563.9	-4818.8	0.0	-657.3	-25.0	11.1		
12-11	1561.1	-4846.0	0.0	-238.0	-25.1	11.1		
5- 1	9805.1	27.5	0.0	-1128.9	0.1	-25.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	|si	1	|Sx	Si	-165.7	0.0	0.0	165.7
12-11	|si	6	Tz		6.4	-2.3	0.0	7.5
5- 1	|si	9	Ty		-44.4	0.0	5.1	45.3
							PROGR.	24.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 9	1773.0	-4216.5	0.0	-657.3	-25.0	6.3		
12-11	1770.5	-4240.2	0.0	-238.0	-25.1	6.3		
5- 1	9105.4	24.1	0.0	-1128.9	0.1	-32.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	|si	1	|Sx	Si	-152.0	0.0	0.0	152.0
12-11	|si	6	Tz		0.6	-2.1	0.0	3.7
5- 1	|si	9	Ty		-44.4	0.0	6.3	45.7
							PROGR.	48.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 9	1866.5	-3614.1	0.0	-657.3	-25.0	1.5		
12-11	1864.4	-3634.5	0.0	-238.0	-25.1	1.5		
5- 1	8255.4	20.6	0.0	-1128.9	0.1	-38.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	|si	1	|Sx	Si	-137.3	0.0	0.0	137.3
12-11	|si	6	Tz		-4.0	-1.9	0.0	5.2
5- 1	|si	9	Ty		-44.4	0.0	7.6	46.3
							PROGR.	72.
SOLLECITAZIONI :								

VERIFICA STABILITA` :

|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -3946.1|Mzeq = 6354.4|Myeq = 111.6|Ss = -284.7 (0.109)

P_HEA120_S011 (11) stato limite ultimo - ASTA (657- 659) 1090
PROGR. 0.

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
12- 9	1844.4	-3011.8	0.0	-657.3	-25.0	-3.3
12-11	1842.6	-3028.7	0.0	-238.0	-25.1	-3.3
5- 1	7255.2	17.2	0.0	-1128.9	0.1	-44.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	|si	1	|Sx	Si	-121.4	0.0	0.0	121.4
12-11	|si	5	|Tz		-45.7	-2.0	0.0	45.8
5- 1	|si	9	|Ty		-44.4	0.0	8.8	46.9

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	1706.7	-2409.4	0.0	-657.3	-25.0	-8.1
12-11	1705.3	-2423.0	0.0	-238.0	-25.1	-8.1
5- 1	6104.7	13.8	0.0	-1128.9	0.1	-50.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	|si	1	|Sx	Si	-104.5	0.0	0.0	104.5
12-11	|si	5	|Tz		-40.6	-2.2	0.0	40.8
5- 1	|si	9	|Ty		-44.4	0.0	10.0	47.7

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	4785.9	23.2	0.0	-1157.4	0.3	-56.8
12-11	1452.3	-1817.2	0.0	-238.0	-25.1	-12.9
5- 1	4803.9	10.3	0.0	-1128.9	0.1	-57.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-91.0	0.0	0.0	91.0
12-11	|si	5	|Tz		-34.4	-2.4	0.0	34.6
5- 1	|si	9	|Ty		-44.4	0.0	11.2	48.5

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	3340.8	15.5	0.0	-1157.4	0.3	-63.0
12-11	1083.8	-1211.5	0.0	-238.0	-25.1	-17.7
5- 1	3352.9	6.9	0.0	-1128.9	0.1	-63.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-77.3	0.0	0.0	77.3
12-11	|si	5	|Tz		-27.1	-2.5	0.0	27.5
5- 1	|si	9	|Ty		-44.4	0.0	12.5	49.4

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1745.6	7.7	0.0	-1157.4	0.3	-69.2
5- 1	1751.6	3.4	0.0	-1128.9	0.1	-69.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-62.1	0.0	0.0	62.1
6- 1	|si	6	|Tz	Si	-62.0	2.8	0.0	62.2
5- 1	|si	9	|Ty		-44.4	0.0	13.7	50.4

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1157.4	0.3	-75.5
5- 1	0.0	0.0	0.0	-1128.9	0.1	-75.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	|Sx		-45.5	0.0	0.0	45.5
6- 1	|si	6	|Tz		-45.5	3.0	0.0	45.8
5- 1	|si	9	|Ty		-44.4	0.0	14.9	51.4
6- 1	|si	9	|Si		-45.5	0.0	14.9	52.3

----- VERIFICA STABILITA' :

|L0 = 193.1
 Z |Lc = 193. |Ro = 4.89 |lm = 39.5 |Ncr = 338101.8 |alfa(b) = 0.3400 |ki = 0.9038 |
 Y |Lc = 193. |Ro = 3.01 |lm = 64.0 |Ncr = 128500.9 |alfa(c) = 0.4900 |ki = 0.7014 |
 Caso12- 9 - Nodo 1 - Asse Y
 Ned = -657.3 |Mzeq = 1818.0 |Myeq = -3614.1 |Ss = -148.3 (0.057)

P_HEA120_S011 (11) stato limite ultimo - ASTA (680- 681) 1111
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	11486.7	-153.6	0.0	19057.2	0.8	65.8
5- 1	11437.0	-185.0	0.0	18890.6	1.0	66.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	|Sx	Si	861.7	0.0	0.0	861.7
5- 1	|si	5	|Tz		635.0	2.7	0.0	635.0
5- 1	|si	9	|Ty		743.2	0.0	-13.2	743.6

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	12998.1	-172.8	0.0	19057.2	0.8	59.5
5- 1	12974.1	-208.1	0.0	18890.6	1.0	60.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	|Sx	Si	876.4	0.0	0.0	876.4
5- 1	|si	5	|Tz		620.4	2.5	0.0	620.4
5- 1	|si	9	|Ty		743.2	0.0	-12.0	743.5

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	14359.2	-192.0	0.0	19057.2	0.8	53.3
5- 1	14361.0	-231.2	0.0	18890.6	1.0	54.4

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	889.7	0.0	0.0
5-1	|si|	5	Tz	607.3	2.2	0.0	607.3
5-1	|si|	9	Ty	743.2	0.0	-10.7	743.4

72.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	15570.0	-211.2	0.0	19057.2	0.8	47.1	
5-1	15597.6	-254.3	0.0	18890.6	1.0	48.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	901.5	0.0	0.0
5-1	|si|	5	Tz	595.5	2.0	0.0	595.5
5-1	|si|	9	Ty	743.2	0.0	-9.5	743.3

96.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	16630.6	-230.5	0.0	19057.2	0.8	40.8	
5-1	16683.9	-277.5	0.0	18890.6	1.0	41.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	912.0	0.0	0.0
5-1	|si|	5	Tz	585.2	1.7	0.0	585.2
5-1	|si|	9	Ty	743.1	0.0	-8.3	743.3

121.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	17541.0	-249.7	0.0	19057.2	0.8	34.6	
5-1	17620.0	-300.6	0.0	18890.6	1.0	35.7	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	921.0	0.0	0.0
5-1	|si|	5	Tz	576.3	1.5	0.0	576.3
5-1	|si|	9	Ty	743.1	0.0	-7.0	743.2

145.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	18301.0	-268.9	0.0	19057.2	0.8	28.4	
5-1	18405.8	-323.7	0.0	18890.6	1.0	29.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	928.6	0.0	0.0
5-1	|si|	5	Tz	568.7	1.2	0.0	568.7
5-1	|si|	9	Ty	743.1	0.0	-5.8	743.1

169.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	18910.8	-288.1	0.0	19057.2	0.8	22.2	
5-1	19041.3	-346.8	0.0	18890.6	1.0	23.2	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	934.9	0.0	0.0
5-1	|si|	5	Tz	562.6	1.0	0.0	562.6
5-1	|si|	9	Ty	743.1	0.0	-4.6	743.1

193.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	19370.3	-307.3	0.0	19057.2	0.8	15.9	
5-1	19526.6	-370.0	0.0	18890.6	1.0	17.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	939.7	0.0	0.0
5-1	|si|	5	Tz	557.9	0.7	0.0	557.9
5-1	|si|	9	Ty	743.0	0.0	-3.4	743.0

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (681- 684) 1113

0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	19526.6	-370.0	0.0	29180.0	-2.4	40.6	
6-1	19370.3	-307.3	0.0	28732.9	-1.8	40.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	3	Sx	Si	1341.1	0.0	0.0
5-1	|si|	6	Tz	967.5	-1.8	0.0	967.5
6-1	|si|	9	Ty	1130.4	0.0	-8.0	1130.5

24.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	20431.2	-311.4	0.0	29180.0	-2.4	34.4	
6-1	20279.4	-264.3	0.0	28732.9	-1.8	34.6	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	3	Sx	Si	1348.1	0.0	0.0
5-1	|si|	6	Tz	958.7	-1.5	0.0	958.7
6-1	|si|	9	Ty	1130.5	0.0	-6.8	1130.5

48.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	21185.5	-252.7	0.0	29180.0	-2.4	28.2	
6-1	21038.2	-221.3	0.0	28732.9	-1.8	28.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	3	Sx	Si	1353.7	0.0	0.0
5-1	|si|	6	Tz	951.2	-1.3	0.0	951.2
6-1	|si|	9	Ty	1130.5	0.0	-5.6	1130.6

72.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	21789.6	-194.1	0.0	29180.0	-2.4	21.9
6- 1	21646.7	-178.4	0.0	28732.9	-1.8	22.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1357.8	0.0	0.0	1357.8
5- 1	si	6	Tz		945.2	-1.0	0.0	945.2
6- 1	si	9	Ty		1130.6	0.0	-4.4	1130.6

----- PROGR. 96.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22243.4	-135.5	0.0	29180.0	-2.4	15.7
6- 1	22105.0	-135.4	0.0	28732.9	-1.8	15.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1360.5	0.0	0.0	1360.5
5- 1	si	6	Tz		940.6	-0.8	0.0	940.6
6- 1	si	9	Ty		1130.6	0.0	-3.1	1130.6

----- PROGR. 121.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22547.0	-76.9	0.0	29180.0	-2.4	9.5
6- 1	22413.0	-92.5	0.0	28732.9	-1.8	9.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1361.9	0.0	0.0	1361.9
5- 1	si	6	Tz		937.3	-0.6	0.0	937.3
6- 1	si	9	Ty		1130.7	0.0	-1.9	1130.7

----- PROGR. 145.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22700.2	-18.3	0.0	29180.0	-2.4	3.2
12- 1	5095.9	373.6	0.0	6949.9	3.9	-8.7
8- 2	4232.6	-66.0	0.0	5156.8	-2.1	-11.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1361.8	0.0	0.0	1361.8
12- 1	si	6	Tz		223.4	0.6	0.0	223.4
8- 2	si	9	Ty		202.9	0.0	2.3	202.9

----- PROGR. 169.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22703.3	40.3	0.0	29180.0	-2.4	-3.0
8- 2	3874.7	-15.0	0.0	5156.8	-2.1	-17.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1362.4	0.0	0.0	1362.4
8- 2	si	5	Tz		166.5	-0.9	0.0	166.5
8- 2	si	9	Ty		202.9	0.0	3.5	203.0

----- PROGR. 193.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22556.0	98.9	0.0	29180.0	-2.4	-9.2
8- 2	3366.6	36.1	0.0	5156.8	-2.1	-24.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1362.5	0.0	0.0	1362.5
8- 2	si	5	Tz		171.6	-1.1	0.0	171.6
8- 2	si	9	Ty		203.0	0.0	4.8	203.2

----- PROGR. 244.
 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (684- 686) 1115
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22556.0	98.9	0.0	38020.8	-2.4	6.6
8- 2	3366.6	36.1	0.0	6859.1	-2.1	23.1
7- 2	3165.6	-68.1	0.0	6292.1	-1.0	24.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1710.4	0.0	0.0	1710.4
8- 2	si	6	Tz		238.1	-1.1	0.0	238.1
7- 2	si	9	Ty		247.5	0.0	-4.8	247.7

----- PROGR. 24.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22641.2	157.5	0.0	38020.8	-2.4	0.4
12-16	4558.6	-8.8	0.0	7807.3	-5.5	11.6
7- 2	3675.3	-43.1	0.0	6292.1	-1.0	18.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1712.8	0.0	0.0	1712.8
12-16	si	6	Tz		264.5	-0.9	0.0	264.5
7- 2	si	9	Ty		247.6	0.0	-3.6	247.7

----- PROGR. 48.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	22576.1	216.1	0.0	38020.8	-2.4	-5.8
12-16	4780.0	124.2	0.0	7807.3	-5.5	6.8
7- 2	4034.7	-18.1	0.0	6292.1	-1.0	11.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1713.7	0.0	0.0	1713.7
12-16	si	6	Tz		261.6	-0.7	0.0	261.6
7- 2	si	9	Ty		247.6	0.0	-2.3	247.6

----- PROGR. 72.
 SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	22360.7|	274.7|	0.0|	38020.8|	-2.4|	-12.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1713.2|		
| 5- 1|	si| 5| Tz	|	-0.7|	0.0|	1288.3|		
| 5- 1|	si| 9| Ty	|	0.0|	2.4|	1496.6|		
-----						PROGR. 96.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	21995.1|	333.4|	0.0|	38020.8|	-2.4|	-18.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1711.3|		
| 5- 1|	si| 5| Tz	|	-0.9|	0.0|	1292.1|		
| 5- 1|	si| 9| Ty	|	0.0|	3.6|	1496.7|		
-----						PROGR. 121.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	21479.2|	392.0|	0.0|	38020.8|	-2.4|	-24.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1708.0|		
| 5- 1|	si| 5| Tz	|	-1.2|	0.0|	1297.3|		
| 5- 1|	si| 9| Ty	|	0.0|	4.8|	1496.7|		
-----						PROGR. 145.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	20813.0|	450.6|	0.0|	38020.8|	-2.4|	-30.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1703.2|		
| 5- 1|	si| 5| Tz	|	-1.4|	0.0|	1303.9|		
| 5- 1|	si| 9| Ty	|	0.0|	6.1|	1496.8|		
-----						PROGR. 169.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	19996.6|	509.2|	0.0|	38020.8|	-2.4|	-37.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1697.1|		
| 5- 1|	si| 5| Tz	|	-1.6|	0.0|	1311.9|		
| 5- 1|	si| 9| Ty	|	0.0|	7.3|	1496.9|		
-----						PROGR. 193.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	19029.8|	567.8|	0.0|	38020.8|	-2.4|	-43.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1689.5|		
| 5- 1|	si| 5| Tz	|	-1.9|	0.0|	1321.3|		
| 5- 1|	si| 9| Ty	|	0.0|	8.5|	1497.0|		
-----						PROGR. 1117	
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
P_HEA120_S011 (11) stato limite ultimo - ASTA (686- 688) 0.							

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	19029.8|	567.8|	0.0|	38762.7|	2.7|	45.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1718.7|		
| 5- 1|	si| 5| Tz	|	2.0|	0.0|	1350.5|		
| 5- 1|	si| 9| Ty	|	0.0|	-9.0|	1526.2|		
-----						PROGR. 24.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	20051.3|	502.2|	0.0|	38762.7|	2.7|	39.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1726.6|		
| 5- 1|	si| 5| Tz	|	1.8|	0.0|	1340.5|		
| 5- 1|	si| 9| Ty	|	0.0|	-7.7|	1526.1|		
-----						PROGR. 48.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	20922.5|	436.6|	0.0|	38762.7|	2.7|	33.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1733.1|		
| 5- 1|	si| 5| Tz	|	1.5|	0.0|	1332.0|		
| 5- 1|	si| 9| Ty	|	0.0|	-6.5|	1526.0|		
-----						PROGR. 72.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	21643.4|	371.0|	0.0|	38762.7|	2.7|	26.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1738.1|		
| 5- 1|	si| 5| Tz	|	1.3|	0.0|	1324.8|		
| 5- 1|	si| 9| Ty	|	0.0|	-5.3|	1525.9|		
-----						PROGR. 96.	
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	22214.1|	305.4|	0.0|	38762.7|	2.7|	20.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 4|Sx	Si|	0.0|	0.0|	1741.8|		

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 5|	Tz	|	1319.0|	1.0|	0.0|	1319.0|						
| 5- 1|si| 9|	Ty	|	1525.8|	0.0|	-4.1|	1525.8|						
-----							PROGR.	121.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	22634.5|		239.8|		0.0|		38762.7|		2.7|		14.3|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 4|Sx	Si	|	1744.0|		0.0|		0.0|		1744.0|			
| 5- 1|si| 5|	Tz	|	1314.7|		0.8|		0.0|		1314.7|			
| 5- 1|si| 9|	Ty	|	1525.7|		0.0|		-2.8|		1525.7|			
-----							PROGR.	145.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	22904.6|		174.1|		0.0|		38762.7|		2.7|		8.1|	
| 12-11|	4909.3|		167.4|		0.0|		8371.5|		5.1|		-5.9|	
| 7- 2|	4236.9|		49.1|		0.0|		6902.3|		0.6|		-10.4|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 4|Sx	Si	|	1744.9|		0.0|		0.0|		1744.9|			
| 12-11|si| 6|	Tz	|	282.4|		0.6|		0.0|		282.4|			
| 7- 2|si| 9|	Ty	|	271.7|		0.0|		2.0|		271.7|			
-----							PROGR.	169.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	23024.4|		108.5|		0.0|		38762.7|		2.7|		1.9|	
| 12-11|	4709.1|		44.7|		0.0|		8371.5|		5.1|		-10.7|	
| 7- 2|	3911.2|		35.3|		0.0|		6902.3|		0.6|		-16.6|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 4|Sx	Si	|	1744.3|		0.0|		0.0|		1744.3|			
| 12-11|si| 6|	Tz	|	285.0|		0.8|		0.0|		285.0|			
| 7- 2|si| 9|	Ty	|	271.7|		0.0|		3.3|		271.7|			
-----							PROGR.	193.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	22994.0|		42.9|		0.0|		38762.7|		2.7|		-4.4|	
| 8- 2|	3495.4|		112.2|		0.0|		7123.0|		1.7|		-22.5|	
| 7- 2|	3435.2|		21.6|		0.0|		6902.3|		0.6|		-22.8|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 4|Sx	Si	|	1742.3|		0.0|		0.0|		1742.3|			
| 8- 2|si| 6|	Tz	|	246.8|		1.0|		0.0|		246.8|			
| 7- 2|si| 9|	Ty	|	271.7|		0.0|		4.5|		271.8|			
-----							PROGR.	1119				
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								0.				
P_HEA120_S011 (11) stato limite ultimo - ASTA (688- 690)												
-----							PROGR.	0.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	22994.0|		42.9|		0.0|		30689.6|		2.7|		7.2|	
| 8- 2|	3495.4|		112.2|		0.0|		5686.1|		1.7|		24.3|	
| 7- 2|	3435.2|		21.6|		0.0|		5628.9|		0.6|		24.4|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 4|Sx	Si	|	1424.6|		0.0|		0.0|		1424.6|			
| 8- 2|si| 5|	Tz	|	191.7|		1.1|		0.0|		191.7|			
| 7- 2|si| 9|	Ty	|	221.5|		0.0|		-4.8|		221.7|			
-----							PROGR.	24.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	23091.8|		-22.7|		0.0|		30689.6|		2.7|		0.9|	
| 12-11|	4773.7|		-183.5|		0.0|		6802.0|		4.4|		13.4|	
| 7- 2|	3948.9|		7.8|		0.0|		5628.9|		0.6|		18.2|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 3|Sx	Si	|	1425.0|		0.0|		0.0|		1425.0|			
| 12-11|si| 5|	Tz	|	221.8|		0.9|		0.0|		221.8|			
| 7- 2|si| 9|	Ty	|	221.5|		0.0|		-3.6|		221.6|			
-----							PROGR.	48.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	23039.4|		-88.3|		0.0|		30689.6|		2.7|		-5.3|	
| 12-11|	5038.5|		-288.9|		0.0|		6802.0|		4.4|		8.6|	
| 7- 2|	4312.4|		-6.0|		0.0|		5628.9|		0.6|		12.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 3|Sx	Si	|	1426.2|		0.0|		0.0|		1426.2|			
| 12-11|si| 5|	Tz	|	218.6|		0.7|		0.0|		218.6|			
| 7- 2|si| 9|	Ty	|	221.5|		0.0|		-2.4|		221.6|			
-----							PROGR.	72.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	22836.6|		-153.9|		0.0|		30689.6|		2.7|		-11.5|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 3|Sx	Si	|	1426.0|		0.0|		0.0|		1426.0|			
| 5- 1|si| 6|	Tz	|	994.5|		0.7|		0.0|		994.5|			
| 5- 1|si| 9|	Ty	|	1207.6|		0.0|		2.3|		1207.6|			
-----							PROGR.	96.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	22483.6|		-219.5|		0.0|		30689.6|		2.7|		-17.7|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 3|Sx	Si	|	1424.4|		0.0|		0.0|		1424.4|			
| 5- 1|si| 6|	Tz	|	998.2|		0.9|		0.0|		998.2|			
| 5- 1|si| 9|	Ty	|	1207.5|		0.0|		3.5|		1207.5|			

Copertura area carburante - Relazione di calcolo

-----										PROGR.	121.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21980.4	-285.1	0.0	30689.6	2.7	-24.0					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 3|Sx	Si	1421.4	0.0	0.0	1421.4					
| 5- 1 |	|si| 6| Tz		1003.4	1.2	0.0	1003.4					
| 5- 1 |	|si| 9| Ty		1207.5	0.0	4.7	1207.5					
-----										PROGR.	145.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	21326.9	-350.7	0.0	30689.6	2.7	-30.2					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 3|Sx	Si	1416.9	0.0	0.0	1416.9					
| 5- 1 |	|si| 6| Tz		1009.9	1.4	0.0	1009.9					
| 5- 1 |	|si| 9| Ty		1207.4	0.0	6.0	1207.4					
-----										PROGR.	169.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	20523.1	-416.3	0.0	30689.6	2.7	-36.4					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 3|Sx	Si	1411.1	0.0	0.0	1411.1					
| 5- 1 |	|si| 6| Tz		1017.9	1.6	0.0	1017.9					
| 5- 1 |	|si| 9| Ty		1207.3	0.0	7.2	1207.4					
-----										PROGR.	193.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	19569.0	-481.9	0.0	30689.6	2.7	-42.7					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 3|Sx	Si	1403.9	0.0	0.0	1403.9					
| 5- 1 |	|si| 6| Tz		1027.2	1.9	0.0	1027.2					
| 5- 1 |	|si| 9| Ty		1207.2	0.0	8.4	1207.3					
-----										VERIFICA STABILITA` : asta tesa per tutti i casi di carico.	
P_HEA120_S011 (11)										stato limite ultimo - ASTA (690- 692)	1121
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	19548.1	-403.0	0.0	15320.8	-1.0	-26.0					
| 5- 1 |	19569.0	-481.9	0.0	15060.1	-1.2	-26.7					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si	796.8	0.0	0.0	796.8					
| 5- 1 |	|si| 5| Tz		406.1	-1.2	0.0	406.1					
| 5- 1 |	|si| 9| Ty		592.2	0.0	5.3	592.2					
-----										PROGR.	24.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	18846.8	-377.8	0.0	15320.8	-1.0	-32.2					
| 5- 1 |	18849.4	-451.8	0.0	15060.1	-1.2	-32.9					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si	789.5	0.0	0.0	789.5					
| 5- 1 |	|si| 5| Tz		413.0	-1.4	0.0	413.0					
| 5- 1 |	|si| 9| Ty		592.2	0.0	6.5	592.3					
-----										PROGR.	48.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	17995.2	-352.6	0.0	15320.8	-1.0	-38.4					
| 5- 1 |	17979.5	-421.7	0.0	15060.1	-1.2	-39.2					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si	780.9	0.0	0.0	780.9					
| 5- 1 |	|si| 5| Tz		421.4	-1.6	0.0	421.4					
| 5- 1 |	|si| 9| Ty		592.2	0.0	7.7	592.4					
-----										PROGR.	72.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	16993.4	-327.4	0.0	15320.8	-1.0	-44.6					
| 5- 1 |	16959.4	-391.6	0.0	15060.1	-1.2	-45.4					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si	770.9	0.0	0.0	770.9					
| 5- 1 |	|si| 5| Tz		431.1	-1.9	0.0	431.1					
| 5- 1 |	|si| 9| Ty		592.3	0.0	9.0	592.5					
-----										PROGR.	96.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	15841.3	-302.2	0.0	15320.8	-1.0	-50.9					
| 5- 1 |	15788.9	-361.4	0.0	15060.1	-1.2	-51.6					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si	759.4	0.0	0.0	759.4					
| 5- 1 |	|si| 5| Tz		442.3	-2.1	0.0	442.3					
| 5- 1 |	|si| 9| Ty		592.3	0.0	10.2	592.6					
-----										PROGR.	121.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	14538.9	-277.1	0.0	15320.8	-1.0	-57.1					
| 5- 1 |	14468.3	-331.3	0.0	15060.1	-1.2	-57.9					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si	746.5	0.0	0.0	746.5					
| 5- 1 |	|si| 5| Tz		454.9	-2.4	0.0	454.9					

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9| Ty | 592.3| 0.0| 11.4| 592.7|
----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	13086.2|	-251.9|	0.0|	15320.8|	-1.0|	-63.3|
5- 1|	12997.3|	-301.2|	0.0|	15060.1|	-1.2|	-64.1|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si	732.2|	0.0|	0.0|	732.2|
5- 1|si| 5| Tz		468.9|	-2.6|	0.0|	468.9|
5- 1|si| 9| Ty		592.4|	0.0|	12.6|	592.8|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	11483.3|	-226.7|	0.0|	15320.8|	-1.0|	-69.6|
5- 1|	11376.1|	-271.1|	0.0|	15060.1|	-1.2|	-70.3|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si	716.5|	0.0|	0.0|	716.5|
5- 1|si| 5| Tz		484.3|	-2.9|	0.0|	484.3|
5- 1|si| 9| Ty		592.4|	0.0|	13.9|	592.9|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	9730.1|	-201.5|	0.0|	15320.8|	-1.0|	-75.8|
5- 1|	9604.6|	-241.0|	0.0|	15060.1|	-1.2|	-76.5|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx	Si	699.4|	0.0|	0.0|	699.4|
5- 1|si| 5| Tz		501.1|	-3.1|	0.0|	501.1|
5- 1|si| 9| Ty		592.4|	0.0|	15.1|	593.0|

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (347- 356) 642
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	11817.5|	0.0|	9.5|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si	1229.5|	0.0|	0.0|	1229.5|

----- PROGR. 27.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	219.6|	0.0|	0.0|	11816.4|	0.0|	7.1|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 7|Sx	Si	1243.5|	0.0|	0.0|	1243.5|

----- PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	376.4|	0.0|	0.0|	11815.3|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 7|Sx	Si	1253.4|	0.0|	0.0|	1253.4|

----- PROGR. 80.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	470.6|	0.0|	0.0|	11814.3|	0.0|	2.4|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 7|Sx	Si	1259.3|	0.0|	0.0|	1259.3|

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	501.9|	0.0|	0.0|	11813.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 7|Sx	Si	1261.2|	0.0|	0.0|	1261.2|

----- PROGR. 133.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	470.6|	0.0|	0.0|	11812.1|	0.0|	-2.4|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 7|Sx	Si	1259.1|	0.0|	0.0|	1259.1|

----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	376.4|	0.0|	0.0|	11811.0|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 7|Sx	Si	1253.0|	0.0|	0.0|	1253.0|

----- PROGR. 186.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	219.6|	0.0|	0.0|	11809.9|	0.0|	-7.1|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 7|Sx	Si	1242.8|	0.0|	0.0|	1242.8|

----- PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	11808.9|	0.0|	-9.5|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si	1228.6|	0.0|	0.0|	1228.6|

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (348- 357) 644
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 7061.6 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 1 |Sx | Si | 734.7 | 0.0 | 0.0 | 734.7 |
----- PROGR. 27.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 7060.5 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 7 |Sx | Si | 748.7 | 0.0 | 0.0 | 748.7 |
----- PROGR. 53.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 7059.4 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 7 |Sx | Si | 758.6 | 0.0 | 0.0 | 758.6 |
----- PROGR. 80.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 7058.3 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 7 |Sx | Si | 764.5 | 0.0 | 0.0 | 764.5 |
----- PROGR. 106.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 501.9 | 0.0 | 0.0 | 7057.2 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 7 |Sx | Si | 766.4 | 0.0 | 0.0 | 766.4 |
----- PROGR. 133.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 7056.2 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 7 |Sx | Si | 764.3 | 0.0 | 0.0 | 764.3 |
----- PROGR. 159.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 7055.1 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 7 |Sx | Si | 758.1 | 0.0 | 0.0 | 758.1 |
----- PROGR. 186.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 7054.0 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 12 |Sx | Si | 748.0 | 0.0 | 0.0 | 748.0 |
----- PROGR. 212.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 7052.9 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si| 1 |Sx | Si | 733.8 | 0.0 | 0.0 | 733.8 |
----- PROGR. 212.

VERIFICA STABILITA` :

|L0 = 212. |
Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa (b)=0.3400 |ki=0.3019 |
Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa (b)=0.3400 |ki=0.5722 |
Caso11- 3 - Nodo 1 - Asse Z
Ned = -1014.3 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -410.6 (0.157)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (349- 358) 646
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-14 | 0.0 | 0.0 | 0.0 | 3181.2 | 0.0 | 7.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-14 |si| 1 |Sx | Si | 331.0 | 0.0 | 0.0 | 331.0 |
----- PROGR. 27.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-14 | 168.9 | 0.0 | 0.0 | 3180.4 | 0.0 | 5.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-14 |si| 7 |Sx | Si | 341.7 | 0.0 | 0.0 | 341.7 |
----- PROGR. 53.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-14 | 289.6 | 0.0 | 0.0 | 3179.5 | 0.0 | 3.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-14 |si| 7 |Sx | Si | 349.4 | 0.0 | 0.0 | 349.4 |
----- PROGR. 80.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11-14 |	362.0 |	0.0 |	0.0 |	3178.7 |	0.0 |	1.8 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 11-14 |	si | 7 | Sx	Si	353.9 |	0.0 |	0.0 |	353.9 |		
							PROGR.	

106.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11-14 |	386.1 |	0.0 |	0.0 |	3177.9 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 11-14 |	si | 7 | Sx	Si	355.4 |	0.0 |	0.0 |	355.4 |		
							PROGR.	

133.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11-14 |	362.0 |	0.0 |	0.0 |	3177.0 |	0.0 |	-1.8 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 11-14 |	si | 7 | Sx	Si	353.7 |	0.0 |	0.0 |	353.7 |		
							PROGR.	

159.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11-14 |	289.6 |	0.0 |	0.0 |	3176.2 |	0.0 |	-3.6 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 11-14 |	si | 7 | Sx	Si	349.0 |	0.0 |	0.0 |	349.0 |		
							PROGR.	

186.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11-14 |	168.9 |	0.0 |	0.0 |	3175.4 |	0.0 |	-5.5 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 11-14 |	si | 7 | Sx	Si	341.2 |	0.0 |	0.0 |	341.2 |		
							PROGR.	

212.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11-14 |	0.0 |	0.0 |	0.0 |	3174.6 |	0.0 |	-7.3 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 11-14 |	si | 1 | Sx	Si	330.3 |	0.0 |	0.0 |	330.3 |		

VERIFICA STABILITA` :								
L0 = 212. |								
Z |	Lc = 212. |	Ro = 1.51 |	lm = 140.5 |	Ncr = 10085.1 |	alfa(b) = 0.3400 |	ki = 0.3019 |		
Y |	Lc = 212. |	Ro = 2.35 |	lm = 90.2 |	Ncr = 24462.0 |	alfa(b) = 0.3400 |	ki = 0.5722 |		
Caso 11- 3 - Nodo 1 - Asse Z								
Ned =	-2018.9 |	Mzeq =	334.6 |	Myeq =	0.0 |	Ss =	-764.4 (0.292)	

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (358- 351)						648	
							PROGR.	

0.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1 |	0.0 |	0.0 |	0.0 |	3776.5 |	0.0 |	9.5 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 7- 1 |	si | 1 | Sx	Si	392.9 |	0.0 |	0.0 |	392.9 |		
							PROGR.	

27.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1 |	219.6 |	0.0 |	0.0 |	3777.6 |	0.0 |	7.1 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 7- 1 |	si | 7 | Sx	Si	407.1 |	0.0 |	0.0 |	407.1 |		
							PROGR.	

53.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1 |	376.4 |	0.0 |	0.0 |	3778.7 |	0.0 |	4.7 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 7- 1 |	si | 7 | Sx	Si	417.3 |	0.0 |	0.0 |	417.3 |		
							PROGR.	

80.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1 |	470.6 |	0.0 |	0.0 |	3779.8 |	0.0 |	2.4 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 7- 1 |	si | 7 | Sx	Si	423.4 |	0.0 |	0.0 |	423.4 |		
							PROGR.	

106.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1 |	501.9 |	0.0 |	0.0 |	3780.8 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 7- 1 |	si | 7 | Sx	Si	425.5 |	0.0 |	0.0 |	425.5 |		
							PROGR.	

133.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1 |	470.6 |	0.0 |	0.0 |	3781.9 |	0.0 |	-2.4 |		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 7- 1 |	si | 7 | Sx	Si	423.6 |	0.0 |	0.0 |	423.6 |		
							PROGR.	

159.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1 |	376.4 |	0.0 |	0.0 |	3783.0 |	0.0 |	-4.7 |		
TENSIONI (Sz= 0.00) :								
Caso	Ve No massimi	Sx	Tz	Ty	Si			
7- 1	si 7 Sx	Si						

Copertura area carburante - Relazione di calcolo

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| 7- 1|si| 7|Sx  Si| 417.7| 0.0| 0.0| 417.7|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 219.6| 0.0| 0.0| 3784.1| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx  Si| 407.8| 0.0| 0.0| 407.8|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 3785.2| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx  Si| 393.8| 0.0| 0.0| 393.8|
-----
VERIFICA STABILITA` :
|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Cas011-14 - Nodo 1 - Asse Z
Ned = -2021.8|Mzeq = 334.6|Myeq = 0.0|Ss = -765.5 ( 0.292)
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 359- 352) 650
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 7905.9| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| 822.5| 0.0| 0.0| 822.5|
-----
PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 7907.0| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx  Si| 836.7| 0.0| 0.0| 836.7|
-----
PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 7908.0| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx  Si| 846.9| 0.0| 0.0| 846.9|
-----
PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 7909.1| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx  Si| 853.0| 0.0| 0.0| 853.0|
-----
PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 501.9| 0.0| 0.0| 7910.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx  Si| 855.1| 0.0| 0.0| 855.1|
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 7911.3| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx  Si| 853.2| 0.0| 0.0| 853.2|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 7912.3| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx  Si| 847.3| 0.0| 0.0| 847.3|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 7913.4| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx  Si| 837.4| 0.0| 0.0| 837.4|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 7914.5| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx  Si| 823.4| 0.0| 0.0| 823.4|
-----
VERIFICA STABILITA` :
|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Cas011-14 - Nodo 1 - Asse Z
Ned = -1014.3|Mzeq = 334.6|Myeq = 0.0|Ss = -410.7 ( 0.157)
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 360- 353) 652

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Copertura area carburante - Relazione di calcolo

----- SOLLECITAZIONI										PROGR.	0.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	0.0	0.0	0.0	12656.0	0.0	9.5					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	1	Sx	Si	1316.8	0.0	0.0	1316.8			
----- SOLLECITAZIONI										PROGR.	27.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	219.6	0.0	0.0	12657.1	0.0	7.1					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	7	Sx	Si	1330.9	0.0	0.0	1330.9			
----- SOLLECITAZIONI										PROGR.	53.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	376.4	0.0	0.0	12658.1	0.0	4.7					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	7	Sx	Si	1341.1	0.0	0.0	1341.1			
----- SOLLECITAZIONI										PROGR.	80.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	470.6	0.0	0.0	12659.2	0.0	2.4					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	7	Sx	Si	1347.2	0.0	0.0	1347.2			
----- SOLLECITAZIONI										PROGR.	106.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	501.9	0.0	0.0	12660.3	0.0	0.0					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	7	Sx	Si	1349.4	0.0	0.0	1349.4			
----- SOLLECITAZIONI										PROGR.	133.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	470.6	0.0	0.0	12661.4	0.0	-2.4					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	7	Sx	Si	1347.5	0.0	0.0	1347.5			
----- SOLLECITAZIONI										PROGR.	159.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	376.4	0.0	0.0	12662.4	0.0	-4.7					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	7	Sx	Si	1341.5	0.0	0.0	1341.5			
----- SOLLECITAZIONI										PROGR.	186.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	219.6	0.0	0.0	12663.5	0.0	-7.1					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	7	Sx	Si	1331.6	0.0	0.0	1331.6			
----- SOLLECITAZIONI										PROGR.	212.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	0.0	0.0	0.0	12664.6	0.0	-9.5					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si	3	Sx	Si	1317.7	0.0	0.0	1317.7			
----- VERIFICA STABILITA`										asta tesa per tutti i casi di carico.	
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (346- 355)					654					
----- SOLLECITAZIONI										PROGR.	0.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	0.0	0.0	0.0	16612.1	0.0	9.5					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	1	Sx	Si	1728.4	0.0	0.0	1728.4			
----- SOLLECITAZIONI										PROGR.	27.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	219.6	0.0	0.0	16611.0	0.0	7.1					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	7	Sx	Si	1742.3	0.0	0.0	1742.3			
----- SOLLECITAZIONI										PROGR.	53.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	376.4	0.0	0.0	16609.9	0.0	4.7					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	7	Sx	Si	1752.2	0.0	0.0	1752.2			
----- SOLLECITAZIONI										PROGR.	80.
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	470.6	0.0	0.0	16608.8	0.0	2.4					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	7	Sx	Si	1758.2	0.0	0.0	1758.2			
----- SOLLECITAZIONI										PROGR.	106.
| Caso |	MZ	MY	MT	N	TZ	TY					
6- 1	501.9	0.0	0.0	16607.8	0.0	0.0					

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1760.1| 0.0| 0.0| 1760.1|
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 470.6| 0.0| 0.0| 16606.7| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1757.9| 0.0| 0.0| 1757.9|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 376.4| 0.0| 0.0| 16605.6| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1751.8| 0.0| 0.0| 1751.8|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 219.6| 0.0| 0.0| 16604.5| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1741.6| 0.0| 0.0| 1741.6|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 16603.4| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | Si | 1727.5| 0.0| 0.0| 1727.5|
-----
-----
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 361- 354) 655
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 17568.8| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si | 1827.9| 0.0| 0.0| 1827.9|
-----
PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 17569.9| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1842.1| 0.0| 0.0| 1842.1|
-----
PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 17571.0| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1852.2| 0.0| 0.0| 1852.2|
-----
PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 17572.0| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1858.4| 0.0| 0.0| 1858.4|
-----
PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 501.9| 0.0| 0.0| 17573.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1860.5| 0.0| 0.0| 1860.5|
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 17574.2| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1858.6| 0.0| 0.0| 1858.6|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 17575.3| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1852.7| 0.0| 0.0| 1852.7|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 17576.4| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1842.8| 0.0| 0.0| 1842.8|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 17577.4| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | Si | 1828.8| 0.0| 0.0| 1828.8|

```

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (629- 647) 1060
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 13116.5 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 1 |Sx | Si | 1364.7 | 0.0 | 0.0 | 1364.7 |
----- PROGR. 27.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 13115.4 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 1378.6 | 0.0 | 0.0 | 1378.6 |
----- PROGR. 53.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 13114.3 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 1388.6 | 0.0 | 0.0 | 1388.6 |
----- PROGR. 80.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 13113.2 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 1394.5 | 0.0 | 0.0 | 1394.5 |
----- PROGR. 106.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 501.9 | 0.0 | 0.0 | 13112.1 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 1396.4 | 0.0 | 0.0 | 1396.4 |
----- PROGR. 133.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 13111.1 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 1394.2 | 0.0 | 0.0 | 1394.2 |
----- PROGR. 159.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 13110.0 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 1388.1 | 0.0 | 0.0 | 1388.1 |
----- PROGR. 186.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 13108.9 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 1377.9 | 0.0 | 0.0 | 1377.9 |
----- PROGR. 212.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 13107.8 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 1 |Sx | Si | 1363.8 | 0.0 | 0.0 | 1363.8 |
----- PROGR. 27.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (631- 649) 1064
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 7513.2 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 1 |Sx | Si | 781.7 | 0.0 | 0.0 | 781.7 |
----- PROGR. 27.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 7512.1 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 795.6 | 0.0 | 0.0 | 795.6 |
----- PROGR. 53.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 7511.0 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 805.6 | 0.0 | 0.0 | 805.6 |
----- PROGR. 80.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 7509.9 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1 |si | 7 |Sx | Si | 811.5 | 0.0 | 0.0 | 811.5 |
----- PROGR. 80.

Copertura area carburante - Relazione di calcolo

-----										PROGR.	106.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	501.9|		0.0|		0.0|		7508.9|		0.0|		0.0|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 7|Sx	Si|	813.4|		0.0|		0.0|		813.4|		
-----										PROGR.	133.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	470.6|		0.0|		0.0|		7507.8|		0.0|		-2.4|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 7|Sx	Si|	811.3|		0.0|		0.0|		811.3|		
-----										PROGR.	159.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	376.4|		0.0|		0.0|		7506.7|		0.0|		-4.7|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 7|Sx	Si|	805.1|		0.0|		0.0|		805.1|		
-----										PROGR.	186.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	219.6|		0.0|		0.0|		7505.6|		0.0|		-7.1|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 7|Sx	Si|	795.0|		0.0|		0.0|		795.0|		
-----										PROGR.	212.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	0.0|		0.0|		0.0|		7504.5|		0.0|		-9.5|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 1|Sx	Si|	780.8|		0.0|		0.0|		780.8|		
-----										PROGR.	212.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.											
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (633- 651)										1068
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	0.0|		0.0|		0.0|		2370.9|		0.0|		9.5|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 1|Sx	Si|	246.7|		0.0|		0.0|		246.7|		
-----										PROGR.	27.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	219.6|		0.0|		0.0|		2369.8|		0.0|		7.1|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 7|Sx	Si|	260.6|		0.0|		0.0|		260.6|		
-----										PROGR.	53.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	376.4|		0.0|		0.0|		2368.7|		0.0|		4.7|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 7|Sx	Si|	270.6|		0.0|		0.0|		270.6|		
-----										PROGR.	80.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	470.6|		0.0|		0.0|		2367.7|		0.0|		2.4|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 7|Sx	Si|	276.5|		0.0|		0.0|		276.5|		
-----										PROGR.	106.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	501.9|		0.0|		0.0|		2366.6|		0.0|		0.0|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 7|Sx	Si|	278.4|		0.0|		0.0|		278.4|		
-----										PROGR.	133.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	470.6|		0.0|		0.0|		2365.5|		0.0|		-2.4|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 12|Sx	Si|	276.2|		0.0|		0.0|		276.2|		
-----										PROGR.	159.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	376.4|		0.0|		0.0|		2364.4|		0.0|		-4.7|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 12|Sx	Si|	270.1|		0.0|		0.0|		270.1|		
-----										PROGR.	186.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	219.6|		0.0|		0.0|		2363.3|		0.0|		-7.1|
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|	|si| 12|Sx	Si|	260.0|		0.0|		0.0|		260.0|		
-----										PROGR.	212.
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	0.0|		0.0|		0.0|		2362.3|		0.0|		-9.5|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx Si | 245.8| 0.0| 0.0| 245.8|

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (651- 637) 1072
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 3560.3| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx Si | 370.4| 0.0| 0.0| 370.4|

----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 3561.4| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 384.6| 0.0| 0.0| 384.6|

----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 3562.4| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 394.8| 0.0| 0.0| 394.8|

----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 470.6| 0.0| 0.0| 3563.5| 0.0| 2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 400.9| 0.0| 0.0| 400.9|

----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 501.9| 0.0| 0.0| 3564.6| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 403.0| 0.0| 0.0| 403.0|

----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 470.6| 0.0| 0.0| 3565.7| 0.0| -2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 401.1| 0.0| 0.0| 401.1|

----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 3566.8| 0.0| -4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 395.2| 0.0| 0.0| 395.2|

----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 3567.8| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 385.3| 0.0| 0.0| 385.3|

----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 3568.9| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 3|Sx Si | 371.3| 0.0| 0.0| 371.3|

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (653- 639) 1076
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 8729.4| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx Si | 908.2| 0.0| 0.0| 908.2|

----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 8730.4| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 922.4| 0.0| 0.0| 922.4|

----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 8731.5| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si | 932.6| 0.0| 0.0| 932.6|

----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 5- 1|	470.6|	0.0|	0.0|	8732.6|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	938.7|	0.0|	0.0|	938.7|
-----						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	8733.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	940.8|	0.0|	0.0|	940.8|
-----						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	8734.8|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	938.9|	0.0|	0.0|	938.9|
-----						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	8735.8|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	933.0|	0.0|	0.0|	933.0|
-----						186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	8736.9|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	923.1|	0.0|	0.0|	923.1|
-----						212.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	8738.0|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 6|Sx |	Si |	909.1|	0.0|	0.0|	909.1|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (655- 641)					1080
-----						0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	14404.4|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 1|Sx |	Si |	1498.7|	0.0|	0.0|	1498.7|
-----						27.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	14405.5|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	1512.8|	0.0|	0.0|	1512.8|
-----						53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	14406.6|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	1523.0|	0.0|	0.0|	1523.0|
-----						80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	14407.6|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	1529.1|	0.0|	0.0|	1529.1|
-----						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	14408.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	1531.3|	0.0|	0.0|	1531.3|
-----						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	14409.8|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	1529.4|	0.0|	0.0|	1529.4|
-----						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	14410.9|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	1523.5|	0.0|	0.0|	1523.5|
-----						186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	14412.0|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 7|Sx |	Si |	1513.5|	0.0|	0.0|	1513.5|

Copertura area carburante - Relazione di calcolo

```

----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 14413.0 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | Si | 1499.6 | 0.0 | 0.0 | 1499.6 |
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (627- 646) 1084
----- PROGR. 0.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 18415.8 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | Si | 1916.0 | 0.0 | 0.0 | 1916.0 |
----- PROGR. 27.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 18414.7 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1930.0 | 0.0 | 0.0 | 1930.0 |
----- PROGR. 53.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 18413.6 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1939.9 | 0.0 | 0.0 | 1939.9 |
----- PROGR. 80.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 18412.5 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1945.8 | 0.0 | 0.0 | 1945.8 |
----- PROGR. 106.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 501.9 | 0.0 | 0.0 | 18411.4 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1947.7 | 0.0 | 0.0 | 1947.7 |
----- PROGR. 133.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 18410.4 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1945.6 | 0.0 | 0.0 | 1945.6 |
----- PROGR. 159.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 18409.3 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1939.5 | 0.0 | 0.0 | 1939.5 |
----- PROGR. 186.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 18408.2 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1929.3 | 0.0 | 0.0 | 1929.3 |
----- PROGR. 212.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 18407.1 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | Si | 1915.1 | 0.0 | 0.0 | 1915.1 |
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (657- 643) 1086
----- PROGR. 0.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 19490.5 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si | 2027.8 | 0.0 | 0.0 | 2027.8 |
----- PROGR. 27.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 219.6 | 0.0 | 0.0 | 19491.6 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 2042.0 | 0.0 | 0.0 | 2042.0 |
----- PROGR. 53.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 376.4 | 0.0 | 0.0 | 19492.7 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 7|Sx	Si	2052.2|	0.0|	0.0|	2052.2|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	470.6|	0.0|	0.0|	19493.8|	0.0|	2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2058.3|	0.0|	0.0|	2058.3|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	501.9|	0.0|	0.0|	19494.8|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2060.4|	0.0|	0.0|	2060.4|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	470.6|	0.0|	0.0|	19495.9|	0.0|	-2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2058.5|	0.0|	0.0|	2058.5|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	376.4|	0.0|	0.0|	19497.0|	0.0|	-4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2052.6|	0.0|	0.0|	2052.6|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	219.6|	0.0|	0.0|	19498.1|	0.0|	-7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2042.7|	0.0|	0.0|	2042.7|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	0.0|	0.0|	0.0|	19499.2|	0.0|	-9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 6|Sx	Si	2028.7|	0.0|	0.0|	2028.7|				
----- PROGR.									
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (664- 681)								1125
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	16365.5|	0.0|	9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 1|Sx	Si	1702.7|	0.0|	0.0|	1702.7|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	219.6|	0.0|	0.0|	16364.4|	0.0|	7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si	1716.7|	0.0|	0.0|	1716.7|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	376.4|	0.0|	0.0|	16363.4|	0.0|	4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si	1726.6|	0.0|	0.0|	1726.6|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	470.6|	0.0|	0.0|	16362.3|	0.0|	2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si	1732.5|	0.0|	0.0|	1732.5|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	501.9|	0.0|	0.0|	16361.2|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si	1734.4|	0.0|	0.0|	1734.4|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	470.6|	0.0|	0.0|	16360.1|	0.0|	-2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si	1732.3|	0.0|	0.0|	1732.3|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	376.4|	0.0|	0.0|	16359.1|	0.0|	-4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si	1726.1|	0.0|	0.0|	1726.1|				
----- PROGR.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			

Copertura area carburante - Relazione di calcolo

| 6- 1|	219.6|	0.0|	0.0|	16358.0|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	1716.0|	0.0|	0.0|	1716.0|

----- PROGR. 212.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	16356.9|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	1701.8|	0.0|	0.0|	1701.8|

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (666- 684)	1129
----- PROGR.		0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	9838.3|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	1023.6|	0.0|	0.0|	1023.6|

----- PROGR. 27.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	9837.2|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	1037.6|	0.0|	0.0|	1037.6|

----- PROGR. 53.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	9836.1|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	1047.5|	0.0|	0.0|	1047.5|

----- PROGR. 80.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	9835.0|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	1053.4|	0.0|	0.0|	1053.4|

----- PROGR. 106.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	9834.0|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	1055.3|	0.0|	0.0|	1055.3|

----- PROGR. 133.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	9832.9|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	1053.2|	0.0|	0.0|	1053.2|

----- PROGR. 159.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	9831.8|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	1047.0|	0.0|	0.0|	1047.0|

----- PROGR. 186.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	9830.7|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	1036.9|	0.0|	0.0|	1036.9|

----- PROGR. 212.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	9829.7|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	1022.7|	0.0|	0.0|	1022.7|

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

VERIFICA ELEMENTI IN ACCIAIO
 lavoro : MUSST4

Unità di misura:
 Lunghezze: cm
 Prop.Sez.: cm
 Forze: daN
 Momenti: daNcm
 Tensioni: daN/cm2

MATERIALI

S275 (EN 10025-2): Mod.El.= 2100000.0; gM = 1.050;
 Fyk = 2750.0(2550.0 per sp>40 mm); fyd = 2619.0(2428.6 per sp>40 mm).

CASI DI CARICO

| N |	Descrizione	| Soll. |
| 1|	SLU Max Var	| 1|

Copertura area carburante - Relazione di calcolo

|	2|	SLU Max Neve	|	1|
|	3|	SLU VENTOX 1	|	2|
|	4|	SLU VENTOX 1	|	2|
|	5|	SLU VENTOX 2	|	2|
|	6|	SLU VENTOX 2	|	2|
|	7|	SLU VENTOX 3	|	2|
|	8|	SLU VENTOX 3	|	2|
|	11|	SLU con SISMAY PRINC	|	16|
|	12|	SLU con SISMAY PRINC	|	16|

CARATTERISTICHE GEOMETRICHE

P_HEB140_S006 (6) :
 $\bar{A} = 43.0302E+00$ $Jz = 1.5114E+03$ $Jy = 549.7222E+00$ $Jt = 16.5832E+00$

P_IPE80_S008 (8) :
 $\bar{A} = 7.6563E+00$ $Jz = 80.2777E+00$ $Jy = 8.4911E+00$ $Jt = 527.6360E-03$

P_HEA120_S011 (11) :
 $\bar{A} = 25.4102E+00$ $Jz = 607.6354E+00$ $Jy = 230.9414E+00$ $Jt = 4.3320E+00$

G_2L_50x5_d8 (15) :
 $\bar{A} = 9.6115E+00$ $Jz = 21.8931E+00$ $Jy = 53.1028E+00$ $Jt = 1.0000E+00$

P_HEB140_S006 (6) stato limite ultimo - ASTA (328- 329) 594
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 5|	0.0|	0.0|	0.0|	-7379.5|	14.9|	91.5|
| 12- 6|	0.0|	0.0|	0.0|	-3322.6|	64.8|	57.2|
| 7- 1|	0.0|	0.0|	0.0|	-6659.8|	3.8|	117.5|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
| 11- 5|si| 1|Sx	|	-171.5|	0.0|	0.0|	171.5|
| 12- 6|si| 5| Tz	|	-77.2|	4.1|	0.0|	77.5|
| 7- 1|si| 9| Ty	|	-154.8|	0.0|	-13.7|	156.6|
| 11- 5|si| 9| Si	|	-171.5|	0.0|	-10.6|	172.5|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 6|	2116.0|	-502.5|	0.0|	-7358.1|	20.8|	83.6|
| 12- 6|	1281.7|	-1564.4|	0.0|	-3322.6|	64.8|	49.1|
| 7- 1|	2707.8|	-92.4|	0.0|	-6659.8|	3.8|	106.9|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
| 11- 6|si| 1|Sx	|	-187.2|	0.0|	0.0|	187.2|
| 12- 6|si| 5| Tz	|	-87.6|	3.9|	0.0|	87.8|
| 7- 1|si| 9| Ty	|	-154.8|	0.0|	-12.4|	156.3|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 6|	4035.4|	-1005.0|	0.0|	-7358.1|	20.8|	75.5|
| 12- 6|	2366.9|	-3128.9|	0.0|	-3322.6|	64.8|	40.9|
| 7- 1|	5160.2|	-184.7|	0.0|	-6659.8|	3.8|	96.4|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
| 11- 6|si| 1|Sx	|	-202.5|	0.0|	0.0|	202.5|
| 12- 6|si| 5| Tz	|	-97.0|	3.7|	0.0|	97.2|
| 7- 1|si| 9| Ty	|	-154.9|	0.0|	-11.2|	156.1|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 6|	5758.5|	-1507.5|	0.0|	-7358.1|	20.8|	67.3|
| 12- 6|	3255.7|	-4693.3|	0.0|	-3322.6|	64.8|	32.8|
| 7- 1|	7357.1|	-277.1|	0.0|	-6659.8|	3.8|	85.8|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
| 11- 6|si| 1|Sx	|	-216.9|	0.0|	0.0|	216.9|
| 12- 6|si| 5| Tz	|	-105.5|	3.5|	0.0|	105.7|
| 7- 1|si| 9| Ty	|	-154.9|	0.0|	-10.0|	155.9|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 6|	7285.1|	-2009.9|	0.0|	-7358.1|	20.8|	59.2|
| 12- 6|	3948.0|	-6257.7|	0.0|	-3322.6|	64.8|	24.6|
| 7- 1|	9298.7|	-369.5|	0.0|	-6659.8|	3.8|	75.2|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
| 11- 6|si| 1|Sx	|	-230.3|	0.0|	0.0|	230.3|
| 12- 6|si| 5| Tz	|	-113.1|	3.3|	0.0|	113.3|
| 7- 1|si| 9| Ty	|	-155.0|	0.0|	-8.7|	155.7|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 6|	8615.2|	-2512.4|	0.0|	-7358.1|	20.8|	51.1|
| 12- 6|	4443.8|	-7822.2|	0.0|	-3322.6|	64.8|	16.5|
| 7- 1|	10984.9|	-461.8|	0.0|	-6659.8|	3.8|	64.6|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
| 11- 6|si| 1|Sx	|	-242.9|	0.0|	0.0|	242.9|
| 12- 6|si| 5| Tz	|	-119.9|	3.1|	0.0|	120.0|
| 7- 1|si| 9| Ty	|	-155.1|	0.0|	-7.5|	155.6|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 6|	9748.8|	-3014.9|	0.0|	-7358.1|	20.8|	42.9|
12- 7	417.4	-9367.2	0.0	402.3	64.7	-21.5
7- 2	-3997.6	-21.7	0.0	4509.1	0.2	-59.4

TENSIONI (Sz= 0.00) :

Caso	Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

11- 6 si 1 Sx	Si	-254.5	0.0	0.0	254.5			
| 12- 7|si| 6| Tz		33.8|	3.2|	0.0|	34.3|			
| 7- 2|si| 9| Ty		104.8|	0.0|	6.9|	105.5|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 11- 6|	10686.0|	-3517.4|	0.0|	-7358.1|	20.8|	34.8|		
| 12- 7|	-200.7|	-10928.4|	0.0|	402.3|	64.7|	-29.7|		
| 7- 2|	-5557.8|	-25.4|	0.0|	4509.1|	0.2|	-70.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 11- 6|si| 1|Sx	Si	-265.3|	0.0|	0.0|	265.3|			
| 12- 7|si| 6| Tz		41.1|	3.4|	0.0|	41.5|			
| 7- 2|si| 9| Ty		104.8|	0.0|	8.1|	105.7|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 11- 6|	11426.8|	-4019.9|	0.0|	-7358.1|	20.8|	26.6|		
| 12- 7|	-1015.2|	-12489.6|	0.0|	402.3|	64.7|	-37.8|		
| 7- 2|	-7373.4|	-29.0|	0.0|	4509.1|	0.2|	-80.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 11- 6|si| 1|Sx	Si	-275.1|	0.0|	0.0|	275.1|			
| 12- 7|si| 6| Tz		49.3|	3.6|	0.0|	49.7|			
| 7- 2|si| 9| Ty		104.8|	0.0|	9.4|	106.0|			

VERIFICA STABILITA' :								
|L0 = 193.|								
Z |Lc = 193.|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|								
Y |Lc = 193.|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|								
Caso|11- 6 - Nodo 1 - Asse Y								
Ned = -7358.1|Mzeq = 8789.5|Myeq = -3014.9|Ss = -301.8 (0.115)								

P_HEB140_S006 (6)	stato limite ultimo - ASTA (329- 330)			595				
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	13269.0|	-876.8|	0.0|	-14530.5|	13.2|	109.3|		
| 12-12|	-936.7|	11930.8|	0.0|	-1673.5|	131.8|	60.1|		
| 6- 1|	9494.2|	-2994.6|	0.0|	-12976.4|	-11.6|	120.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	-410.3|	0.0|	0.0|	410.3|			
| 12-12|si| 5| Tz		-0.9|	7.0|	0.0|	12.1|			
| 6- 1|si| 9| Ty		-303.5|	0.0|	-14.0|	304.4|			
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	15778.7|	-1196.1|	0.0|	-14530.5|	13.2|	98.7|		
| 12-12|	414.1|	8750.7|	0.0|	-1673.5|	131.8|	51.9|		
| 6- 1|	12272.1|	-2715.6|	0.0|	-12976.4|	-11.6|	109.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	-426.0|	0.0|	0.0|	426.0|			
| 12-12|si| 5| Tz		-16.1|	6.8|	0.0|	20.0|			
| 6- 1|si| 9| Ty		-303.3|	0.0|	-12.8|	304.1|			
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	18032.9|	-1515.5|	0.0|	-14530.5|	13.2|	88.1|		
| 12-12|	1568.5|	5570.6|	0.0|	-1673.5|	131.8|	43.8|		
| 6- 1|	14794.7|	-2436.7|	0.0|	-12976.4|	-11.6|	99.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	-440.5|	0.0|	0.0|	440.5|			
| 12-12|si| 5| Tz		-30.4|	6.6|	0.0|	32.5|			
| 6- 1|si| 9| Ty		-303.1|	0.0|	-11.5|	303.8|			
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	20031.8|	-1834.8|	0.0|	-14530.5|	13.2|	77.6|		
| 12-12|	2526.4|	2390.4|	0.0|	-1673.5|	131.8|	35.6|		
| 6- 1|	17061.8|	-2157.7|	0.0|	-12976.4|	-11.6|	88.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	-453.8|	0.0|	0.0|	453.8|			
| 12-12|si| 5| Tz		-43.9|	6.4|	0.0|	45.2|			
| 6- 1|si| 9| Ty		-302.9|	0.0|	-10.3|	303.5|			
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	21775.2|	-2154.1|	0.0|	-14530.5|	13.2|	67.0|		
| 12-12|	3287.8|	-789.7|	0.0|	-1673.5|	131.8|	27.5|		
| 6- 1|	19073.5|	-1878.8|	0.0|	-12976.4|	-11.6|	78.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	-466.0|	0.0|	0.0|	466.0|			
| 12-12|si| 5| Tz		-56.3|	6.2|	0.0|	57.4|			
| 6- 1|si| 9| Ty		-302.8|	0.0|	-9.1|	303.2|			
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	23263.3|	-2473.4|	0.0|	-14530.5|	13.2|	56.4|		
| 12-12|	3852.8|	-3969.8|	0.0|	-1673.5|	131.8|	19.3|		
6- 1	20829.8	-1599.8	0.0	-12976.4	-11.6	67.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve No massimi	Sx	Tz	Ty	Si			
5- 1 si 1 Sx	Si	-476.9	0.0	0.0	476.9			

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12-12 si 5	Tz		-67.9	6.0	0.0	68.7						
6- 1 si 9	Ty		-302.6	0.0	-7.8	302.9						
-----							PROGR.	145.				
SOLLECITAZIONI :												
Caso	MZ		MY		MT		N		TZ		TY	
| 5- 1|	24495.9|		-2792.7|		0.0|		-14530.5|		13.2|		45.8|	
| 12-12|	4221.3|		-7149.9|		0.0|		-1673.5|		131.8|		11.2|	
| 6- 1|	22330.8|		-1320.9|		0.0|		-12976.4|		-11.6|		56.9|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 5- 1|si| 1|	Sx	Si	|	-486.7|		0.0|		0.0|		486.7|		
| 12-12|si| 5|	Tz	|	-78.6|		5.8|		0.0|			79.3|		
| 6- 1|si| 9|	Ty	|	-302.4|		0.0|		-6.6|			302.6|		
-----											PROGR.	169.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 5- 1|	25473.2|		-3112.0|		0.0|		-14530.5|		13.2|		35.2|	
| 12-10|	7290.8|		-9782.9|		0.0|		-4216.4|		128.1|		-12.6|	
| 6- 1|	23576.3|		-1041.9|		0.0|		-12976.4|		-11.6|		46.3|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 5- 1|si| 1|	Sx	Si	|	-495.3|		0.0|		0.0|		495.3|		
| 12-10|si| 6|	Tz	|	-104.2|		5.7|		0.0|			104.6|		
| 6- 1|si| 9|	Ty	|	-302.2|		0.0|		-5.4|			302.4|		
-----											PROGR.	193.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 5- 1|	26195.1|		-3431.3|		0.0|		-14530.5|		13.2|		24.6|	
| 12-10|	6889.7|		-12872.5|		0.0|		-4216.4|		128.1|		-20.7|	
| 11- 8|	10000.1|		-4654.0|		0.0|		-7526.6|		35.2|		-40.0|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 5- 1|si| 1|	Sx	Si	|	-502.7|		0.0|		0.0|		502.7|		
| 12-10|si| 6|	Tz	|	-93.6|		5.9|		0.0|			94.2|		
| 11- 8|si| 9|	Ty	|	-177.9|		0.0|		4.6|			178.1|		
-----											PROGR.	193.
VERIFICA STABILITA` :												
|L0 = 193. |												
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|												
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|												
Caso 5- 1 - Nodo 1 - Asse Y												
Ned = -14530.5|Mzeq = 26195.1|Myeq = -2800.3|Ss = -598.1 (0.228)												
-----											PROGR.	0.
P_HEB140_S006 (6) stato limite ultimo - ASTA (330- 331)												
-----											PROGR.	0.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 5- 1|	26204.5|		-3431.3|		0.0|		-21258.5|		-16.6|		70.5|	
| 12-16|	4313.2|		-14666.8|		0.0|		-4418.1|		-101.5|		43.0|	
| 6- 1|	24575.5|		-763.0|		0.0|		-20435.5|		4.2|		75.4|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 5- 1|si| 1|	Sx	Si	|	-659.1|		0.0|		0.0|		659.1|		
| 12-16|si| 6|	Tz	|	-81.3|		-5.3|		0.0|			81.8|		
| 6- 1|si| 9|	Ty	|	-475.4|		0.0|		-8.8|			475.6|		
-----											PROGR.	24.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 5- 1|	27777.4|		-3031.4|		0.0|		-21258.5|		-16.6|		59.9|	
| 12-16|	5251.7|		-12217.5|		0.0|		-4418.1|		-101.5|		34.8|	
| 6- 1|	26267.5|		-865.0|		0.0|		-20435.5|		4.2|		64.8|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 5- 1|si| 1|	Sx	Si	|	-661.3|		0.0|		0.0|		661.3|		
| 12-16|si| 6|	Tz	|	-92.5|		-5.1|		0.0|			93.0|		
| 6- 1|si| 9|	Ty	|	-475.5|		0.0|		-7.5|			475.6|		
-----											PROGR.	48.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 5- 1|	29094.9|		-2631.5|		0.0|		-21258.5|		-16.6|		49.3|	
| 12-16|	5993.8|		-9768.2|		0.0|		-4418.1|		-101.5|		26.7|	
| 6- 1|	27704.1|		-967.0|		0.0|		-20435.5|		4.2|		54.3|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 5- 1|si| 1|	Sx	Si	|	-662.3|		0.0|		0.0|		662.3|		
| 12-16|si| 6|	Tz	|	-102.9|		-4.9|		0.0|			103.2|		
| 6- 1|si| 9|	Ty	|	-475.5|		0.0|		-6.3|			475.7|		
-----											PROGR.	72.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 5- 1|	30157.0|		-2231.6|		0.0|		-21258.5|		-16.6|		38.7|	
| 12-16|	6539.4|		-7318.9|		0.0|		-4418.1|		-101.5|		18.5|	
| 6- 1|	28885.2|		-1069.0|		0.0|		-20435.5|		4.2|		43.7|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 5- 1|si| 1|	Sx	Si	|	-662.1|		0.0|		0.0|		662.1|		
| 12-16|si| 6|	Tz	|	-112.3|		-4.7|		0.0|			112.6|		
| 6- 1|si| 9|	Ty	|	-475.6|		0.0|		-5.1|			475.7|		
-----											PROGR.	96.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 5- 1|	30963.7|		-1831.8|		0.0|		-21258.5|		-16.6|		28.1|	
| 12-16|	6888.6|		-4869.7|		0.0|		-4418.1|		-101.5|		10.4|	
| 6- 1|	29811.0|		-1171.0|		0.0|		-20435.5|		4.2|		33.1|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 5- 1|si| 1|	Sx	Si	|	-660.8|		0.0|		0.0|		660.8|		
| 12-16|si| 6|	Tz	|	-120.8|		-4.5|		0.0|			121.1|		

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	-475.7|	0.0|	-3.8|	475.7|		
-----							121.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	31515.0|	-1431.9|	0.0|	-21258.5|	-16.6|	17.6|	
| 12-16|	7041.2|	-2420.4|	0.0|	-4418.1|	-101.5|	2.3|	
| 6- 1|	30481.4|	-1273.0|	0.0|	-20435.5|	4.2|	22.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-658.2|	0.0|	0.0|	658.2|		
| 12-16|si| 6|	Tz	-128.5|	-4.4|	0.0|	128.7|		
| 6- 1|si| 9|	Ty	-475.7|	0.0|	-2.6|	475.7|		
-----							145.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	31810.9|	-1032.0|	0.0|	-21258.5|	-16.6|	7.0|	
| 12- 1|	8300.7|	-542.7|	0.0|	-5628.9|	95.6|	-17.0|	
| 11- 5|	9934.9|	-480.4|	0.0|	-7200.0|	26.5|	-25.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-654.5|	0.0|	0.0|	654.5|		
| 12- 1|si| 6|	Tz	-167.7|	4.4|	0.0|	167.9|		
| 11- 5|si| 9|	Ty	-167.6|	0.0|	3.0|	167.7|		
-----							169.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	31851.4|	-632.1|	0.0|	-21258.5|	-16.6|	-3.6|	
| 12- 1|	7792.4|	-2849.1|	0.0|	-5628.9|	95.6|	-25.1|	
| 11- 5|	9213.5|	-1120.4|	0.0|	-7200.0|	26.5|	-34.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-649.6|	0.0|	0.0|	649.6|		
| 12- 1|si| 6|	Tz	-158.9|	4.6|	0.0|	159.1|		
| 11- 5|si| 9|	Ty	-168.0|	0.0|	3.9|	168.2|		
-----							193.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	31636.5|	-232.3|	0.0|	-21258.5|	-16.6|	-14.2|	
| 12- 1|	7087.6|	-5155.6|	0.0|	-5628.9|	95.6|	-33.3|	
| 11- 5|	8295.6|	-1760.3|	0.0|	-7200.0|	26.5|	-42.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-643.5|	0.0|	0.0|	643.5|		
| 12- 1|si| 6|	Tz	-149.1|	4.8|	0.0|	149.3|		
| 11- 5|si| 9|	Ty	-168.4|	0.0|	4.9|	168.7|		

VERIFICA STABILITA` :							
|L0 = 193.1							
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|							
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|							
Caso 5- 1 - Nodo 1 - Asse Y							
Ned = -21258.5|Mzeq = 31851.4|Myeq = -2573.5|Ss = -826.3 (0.315)							
P_HEB140_S006 (6) stato limite ultimo - ASTA (331- 332) 597							
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	30964.5|	-1579.0|	0.0|	-22557.6|	-9.5|	21.4|	
| 8- 2|	4278.3|	2419.6|	0.0|	-4053.3|	9.7|	42.7|	
| 7- 2|	3150.0|	175.0|	0.0|	-4065.5|	0.2|	48.6|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-687.7|	0.0|	0.0|	687.7|		
| 8- 2|si| 5|	Tz	-107.2|	1.4|	0.0|	107.2|		
| 7- 2|si| 9|	Ty	-94.4|	0.0|	-5.6|	94.9|		
-----							24.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	31352.5|	-1349.7|	0.0|	-22557.6|	-9.5|	10.8|	
| 12- 7|	6781.4|	-4634.6|	0.0|	-5518.6|	-16.3|	22.1|	
| 7- 2|	4194.0|	169.4|	0.0|	-4065.5|	0.2|	38.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-686.6|	0.0|	0.0|	686.6|		
| 12- 7|si| 6|	Tz	-146.6|	-1.2|	0.0|	146.6|		
| 7- 2|si| 9|	Ty	-94.4|	0.0|	-4.4|	94.7|		
-----							48.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	31485.0|	-1120.4|	0.0|	-22557.6|	-9.5|	0.2|	
| 12- 7|	7216.7|	-4242.3|	0.0|	-5518.6|	-16.3|	14.0|	
| 7- 2|	4982.6|	163.8|	0.0|	-4065.5|	0.2|	27.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-684.3|	0.0|	0.0|	684.3|		
| 12- 7|si| 6|	Tz	-149.7|	-1.0|	0.0|	149.7|		
| 7- 2|si| 9|	Ty	-94.4|	0.0|	-3.2|	94.5|		
-----							72.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	31362.2|	-891.0|	0.0|	-22557.6|	-9.5|	-10.4|	
| 12- 7|	7455.7|	-3849.9|	0.0|	-5518.6|	-16.3|	5.8|	
| 7- 2|	5515.8|	158.1|	0.0|	-4065.5|	0.2|	16.8|	
TENSIONI (Sz= 0.00) :							
Caso Ve No massimi	Sx	Tz	Ty	Si			
6- 1 si 1 Sx	Si	-680.8	0.0	0.0	680.8		
12- 7 si 6	Tz	-151.9	-0.8	0.0	151.9		
7- 2 si 9	Ty	-94.4	0.0	-2.0	94.4		

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----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	30984.0	-661.7	0.0	-22557.6	-9.5	-21.0
8- 1	27997.4	-1213.6	0.0	-20318.8	-12.7	-18.3
5- 1	31322.3	138.3	0.0	-22550.3	-3.8	-24.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-676.2	0.0	0.0	676.2
8- 1	si	5	Tz		-605.3	-1.0	0.0	605.3
5- 1	si	9	Ty		-524.0	0.0	2.8	524.0

----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	30350.4	-432.4	0.0	-22557.6	-9.5	-31.6
8- 1	27427.9	-906.3	0.0	-20318.8	-12.7	-28.9
5- 1	30604.0	231.0	0.0	-22550.3	-3.8	-35.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-670.3	0.0	0.0	670.3
8- 1	si	5	Tz		-601.8	-1.2	0.0	601.8
5- 1	si	9	Ty		-523.9	0.0	4.1	524.0

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	29630.4	323.7	0.0	-22550.3	-3.8	-45.7
8- 1	26602.9	-599.0	0.0	-20318.8	-12.7	-39.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-665.4	0.0	0.0	665.4
8- 1	si	5	Tz		-597.1	-1.5	0.0	597.1
5- 1	si	9	Ty		-523.9	0.0	5.3	523.9

----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	28401.3	416.3	0.0	-22550.3	-3.8	-56.2
8- 1	25522.6	-291.7	0.0	-20318.8	-12.7	-50.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-660.9	0.0	0.0	660.9
8- 1	si	5	Tz		-591.2	-1.7	0.0	591.2
5- 1	si	9	Ty		-523.8	0.0	6.5	523.9

----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	26916.8	509.0	0.0	-22550.3	-3.8	-66.8
8- 1	24186.9	15.7	0.0	-20318.8	-12.7	-60.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-655.2	0.0	0.0	655.2
8- 1	si	5	Tz		-584.2	-1.9	0.0	584.2
5- 1	si	9	Ty		-523.7	0.0	7.8	523.9

----- VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -22557.6 |Mzeq = 31485.0 |Myeq = -1184.2 |Ss = -844.9 (0.323)

P_HEB140_S006 (6) stato limite ultimo - ASTA (332- 333) 598
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	26917.5	509.0	0.0	-22565.7	4.4	60.4
12- 4	5715.7	-1894.2	0.0	-5537.2	29.0	40.8
6- 1	26917.2	255.5	0.0	-22557.6	9.6	63.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-655.6	0.0	0.0	655.6
12- 4	si	5	Tz		-160.5	2.2	0.0	160.5
6- 1	si	9	Ty		-524.1	0.0	-7.4	524.2

----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	28247.7	403.0	0.0	-22565.7	4.4	49.8
12- 4	6601.3	-2594.6	0.0	-5537.2	29.0	32.6
6- 1	28328.9	24.5	0.0	-22557.6	9.6	53.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-660.4	0.0	0.0	660.4
12- 4	si	5	Tz		-166.6	2.0	0.0	166.6
6- 1	si	9	Ty		-524.2	0.0	-6.2	524.3

----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	29322.5	297.1	0.0	-22565.7	4.4	39.3
12- 4	7290.4	-3295.0	0.0	-5537.2	29.0	24.5
6- 1	29485.1	-206.6	0.0	-22557.6	9.6	42.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-664.0	0.0	0.0	664.0
12- 4	si	5	Tz		-171.7	1.8	0.0	171.8
6- 1	si	9	Ty		-524.4	0.0	-5.0	524.4

----- PROGR. 72.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 30386.0 | -437.6 | 0.0 | -22557.6 | 9.6 | 32.0 |

Copertura area carburante - Relazione di calcolo

```

| 12- 4|          7783.0| -3995.4|          0.0| -5537.2|          29.0|          16.3|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si|          -670.5|          0.0|          0.0|          670.5|
| 12- 4|si| 5|  Tz |          -176.0|          1.6|          0.0|          176.0|
| 6- 1|si| 9|  Ty |          -524.5|          0.0|          -3.7|          524.5|
-----

```

96.

SOLLECITAZIONI :

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          31031.5| -668.7|          0.0| -22557.6|          9.6|          21.5|
| 12- 4|          8079.2| -4695.8|          0.0| -5537.2|          29.0|          8.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si|          -676.5|          0.0|          0.0|          676.5|
| 12- 4|si| 5|  Tz |          -179.3|          1.4|          0.0|          179.4|
| 6- 1|si| 9|  Ty |          -524.7|          0.0|          -2.5|          524.7|
-----

```

121.

SOLLECITAZIONI :

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          31421.5| -899.7|          0.0| -22557.6|          9.6|          10.9|
| 12- 2|          7580.5| -5353.1|          0.0| -5583.3|          28.2|          -5.4|
| 11- 8|          6755.4| 1546.5|          0.0| -5585.2|          -7.6|          -12.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si|          -681.2|          0.0|          0.0|          681.2|
| 12- 2|si| 6|  Tz |          -149.8|          1.3|          0.0|          149.8|
| 11- 8|si| 9|  Ty |          -128.8|          0.0|          1.5|          128.8|
-----

```

145.

SOLLECITAZIONI :

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          31556.2| -1130.8|          0.0| -22557.6|          9.6|          0.3|
| 12- 2|          7351.3| -6034.5|          0.0| -5583.3|          28.2|          -13.6|
| 8- 2|          5796.5| 1856.4|          0.0| -4053.3|          -9.0|          -21.8|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si|          -684.8|          0.0|          0.0|          684.8|
| 12- 2|si| 6|  Tz |          -146.8|          1.5|          0.0|          146.8|
| 8- 2|si| 9|  Ty |          -93.0|          0.0|          2.5|          93.1|
-----

```

169.

SOLLECITAZIONI :

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          31435.5| -1361.8|          0.0| -22557.6|          9.6|          -10.3|
| 12- 2|          6925.6| -6716.0|          0.0| -5583.3|          28.2|          -21.7|
| 8- 2|          5143.7| 2073.7|          0.0| -4053.3|          -9.0|          -32.4|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si|          -687.2|          0.0|          0.0|          687.2|
| 12- 2|si| 6|  Tz |          -142.9|          1.7|          0.0|          142.9|
| 8- 2|si| 9|  Ty |          -92.9|          0.0|          3.8|          93.1|
-----

```

193.

SOLLECITAZIONI :

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          31059.3| -1592.9|          0.0| -22557.6|          9.6|          -20.9|
| 12- 2|          6303.5| -7397.4|          0.0| -5583.3|          28.2|          -29.9|
| 8- 2|          4235.4| 2291.1|          0.0| -4053.3|          -9.0|          -42.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si|          -688.4|          0.0|          0.0|          688.4|
| 12- 2|si| 6|  Tz |          -138.1|          1.9|          0.0|          138.1|
| 8- 2|si| 9|  Ty |          -92.7|          0.0|          5.0|          93.1|
-----

```

VERIFICA STABILITA` :

```

|LO = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -22557.6|Mzeq = 31556.2|Myeq = -1194.7|Ss = -845.4 ( 0.323)

```

```

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 333- 334) 599
-----

```

0.

SOLLECITAZIONI :

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          31054.8| -1592.9|          0.0| -20498.9|          -42.5|          7.8|
| 12- 8|          7261.1| -7457.6|          0.0| -5645.2|          -122.5|          29.0|
| 7- 2|          5319.2| 200.2|          0.0| -4958.0|          -2.3|          49.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si|          -640.5|          0.0|          0.0|          640.5|
| 12- 8|si| 6|  Tz |          -143.8|          -5.9|          0.0|          144.2|
| 7- 2|si| 9|  Ty |          -115.1|          0.0|          -5.7|          115.5|
-----

```

24.

SOLLECITAZIONI :

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          31114.9| -568.5|          0.0| -20498.9|          -42.5|          -2.8|
| 12- 8|          7862.6| -4502.3|          0.0| -5645.2|          -122.5|          20.9|
| 7- 2|          6381.8| 256.6|          0.0| -4958.0|          -2.3|          38.8|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si|          -627.7|          0.0|          0.0|          627.7|
| 12- 8|si| 6|  Tz |          -154.9|          -5.7|          0.0|          155.2|
| 7- 2|si| 9|  Ty |          -115.1|          0.0|          -4.5|          115.3|
-----

```

48.

SOLLECITAZIONI :

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          30919.7| 455.8|          0.0| -20498.9|          -42.5|          -13.4|
| 12- 8|          8267.6| -1547.0|          0.0| -5645.2|          -122.5|          12.7|
| 7- 2|          7189.0| 313.0|          0.0| -4958.0|          -2.3|          28.2|

```

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-625.4	0.0	0.0
12- 8	|si	6	Tz		-165.1	-5.5	0.0
7- 2	|si	9	Ty		-115.0	0.0	-3.3

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	30469.0	1480.2	0.0	-20498.9	-42.5
12- 8	|	8476.1	1408.2	0.0	-5645.2	-122.5
5- 1	|	29429.4	1238.9	0.0	-19675.3	-21.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-636.4	0.0	0.0
12- 8	|si	6	Tz		-174.4	-5.3	0.0
5- 1	|si	9	Ty		-456.5	0.0	3.4

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	29762.9	2504.5	0.0	-20498.9	-42.5
12- 6	|	6781.8	4115.5	0.0	-4469.3	-118.9
5- 1	|	28593.8	1764.7	0.0	-19675.3	-21.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-646.1	0.0	0.0
12- 6	|si	5	Tz		-123.7	-5.3	0.0
5- 1	|si	9	Ty		-456.1	0.0	4.6

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	28801.4	3528.9	0.0	-20498.9	-42.5
12- 6	|	6419.6	6983.7	0.0	-4469.3	-118.9
5- 1	|	27502.7	2290.4	0.0	-19675.3	-21.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-654.7	0.0	0.0
12- 6	|si	5	Tz		-113.9	-5.5	0.0
5- 1	|si	9	Ty		-455.8	0.0	5.9

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	27584.6	4553.2	0.0	-20498.9	-42.5
12- 6	|	5860.9	9851.9	0.0	-4469.3	-118.9
5- 1	|	26156.3	2816.2	0.0	-19675.3	-21.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-662.1	0.0	0.0
12- 6	|si	5	Tz		-103.2	-5.7	0.0
5- 1	|si	9	Ty		-455.5	0.0	7.1

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	26112.3	5577.6	0.0	-20498.9	-42.5
12- 6	|	5105.7	12720.2	0.0	-4469.3	-118.9
5- 1	|	24554.4	3341.9	0.0	-19675.3	-21.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-668.3	0.0	0.0
12- 6	|si	5	Tz		-91.6	-5.9	0.0
5- 1	|si	9	Ty		-455.1	0.0	8.3

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	24384.6	6602.0	0.0	-20498.9	-42.5
12- 6	|	4154.1	15588.4	0.0	-4469.3	-118.9
5- 1	|	22697.2	3867.7	0.0	-19675.3	-21.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-673.4	0.0	0.0
12- 6	|si	5	Tz		-79.2	-6.0	0.0
5- 1	|si	9	Ty		-454.8	0.0	9.6

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -20498.9|Mzeq = 31114.9|Myeq = 4951.5|Ss = -832.1 (0.318)

P_HEB140_S006 (6) stato limite ultimo - ASTA (334- 335) 600
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	24375.1	6602.0	0.0	-12181.8	49.6
12- 4	|	6709.7	14913.0	0.0	-3850.1	146.5
7- 1	|	19040.8	3466.9	0.0	-8040.3	23.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-480.1	0.0	0.0
12- 4	|si	5	Tz		-78.5	6.7	0.0
7- 1	|si	9	Ty		-184.6	0.0	5.8

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	23306.2	5404.3	0.0	-12181.8	49.6
12- 4	|	7091.6	11379.7	0.0	-3850.1	146.5
7- 1	|	17708.0	2910.9	0.0	-8040.3	23.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
------	----	----	---------	----	----	----	----

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 2|Sx	Si	-459.9|	0.0|	0.0|	459.9|
| 12- 4|si| 5| Tz		-90.2|	6.5|	0.0|	90.9|
| 7- 1|si| 9| Ty		-185.0|	0.0|	7.0|	185.4|
----- PROGR.					

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	21981.9|	4206.6|	0.0|	-12181.8|	49.6|	-60.2|
| 12- 2|	4065.5|	7407.8|	0.0|	-1494.6|	143.2|	-12.8|
| 7- 1|	16119.9|	2355.0|	0.0|	-8040.3|	23.0|	-71.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-438.5|	0.0|	0.0|	438.5|
| 12- 2|si| 6| Tz		-74.5|	6.4|	0.0|	75.3|
| 7- 1|si| 9| Ty		-185.4|	0.0|	8.3|	185.9|
----- PROGR.					

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	20402.2|	3008.9|	0.0|	-12181.8|	49.6|	-70.8|
| 12- 2|	3657.6|	3953.2|	0.0|	-1494.6|	143.2|	-21.0|
| 7- 1|	14276.3|	1799.0|	0.0|	-8040.3|	23.0|	-81.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-415.9|	0.0|	0.0|	415.9|
| 12- 2|si| 6| Tz		-62.8|	6.6|	0.0|	63.8|
| 7- 1|si| 9| Ty		-185.7|	0.0|	9.5|	186.4|
----- PROGR.					

96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	18567.1|	1811.3|	0.0|	-12181.8|	49.6|	-81.4|
| 12- 2|	3053.1|	498.7|	0.0|	-1494.6|	143.2|	-29.1|
| 7- 1|	12177.3|	1243.1|	0.0|	-8040.3|	23.0|	-92.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-392.2|	0.0|	0.0|	392.2|
| 12- 2|si| 6| Tz		-50.3|	6.7|	0.0|	51.6|
| 7- 1|si| 9| Ty		-186.1|	0.0|	10.7|	187.0|
----- PROGR.					

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	16476.7|	613.6|	0.0|	-12181.8|	49.6|	-91.9|
| 12- 2|	2252.3|	-2955.9|	0.0|	-1494.6|	143.2|	-37.3|
| 7- 1|	9822.9|	687.1|	0.0|	-8040.3|	23.0|	-102.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-367.2|	0.0|	0.0|	367.2|
| 12- 2|si| 6| Tz		-36.8|	6.9|	0.0|	38.7|
| 7- 1|si| 9| Ty		-186.4|	0.0|	12.0|	187.6|
----- PROGR.					

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	14130.8|	-584.1|	0.0|	-12181.8|	49.6|	-102.5|
| 12- 2|	1254.9|	-6410.5|	0.0|	-1494.6|	143.2|	-45.4|
| 7- 1|	7213.1|	131.2|	0.0|	-8040.3|	23.0|	-113.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-356.0|	0.0|	0.0|	356.0|
| 12- 2|si| 6| Tz		-22.5|	7.1|	0.0|	25.6|
| 7- 1|si| 9| Ty		-186.8|	0.0|	13.2|	188.2|
----- PROGR.					

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	11529.5|	-1781.8|	0.0|	-12181.8|	49.6|	-113.1|
| 12- 2|	61.1|	-9865.0|	0.0|	-1494.6|	143.2|	-53.6|
| 7- 1|	4347.9|	-424.7|	0.0|	-8040.3|	23.0|	-124.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-359.2|	0.0|	0.0|	359.2|
| 12- 2|si| 6| Tz		-7.2|	7.3|	0.0|	14.6|
| 7- 1|si| 9| Ty		-187.1|	0.0|	14.4|	188.8|
----- PROGR.					

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	8672.8|	-2979.4|	0.0|	-12181.8|	49.6|	-123.7|
| 12- 2|	-1329.1|	-13319.6|	0.0|	-1494.6|	143.2|	-61.7|
| 7- 1|	1227.3|	-980.7|	0.0|	-8040.3|	23.0|	-134.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 1|Sx	Si	-361.2|	0.0|	0.0|	361.2|
| 12- 2|si| 6| Tz		9.0|	7.5|	0.0|	15.8|
| 7- 1|si| 9| Ty		-187.5|	0.0|	15.6|	189.4|
----- PROGR.					

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -12181.8|Mzeq = 23251.9|Myeq = 4951.5|Ss = -541.5 (0.207)

P_HEB140_S006 (6) stato limite ultimo - ASTA (335- 336) 601
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 11-12|	11268.8|	3751.8|	0.0|	-7276.6|	19.4|	-25.8|
| 12- 2|	-1332.3|	-13319.6|	0.0|	1442.4|	-69.0|	39.5|
| 11- 6|	-8067.5|	-3106.5|	0.0|	5563.4|	-16.1|	74.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 11-12|si| 2|Sx	Si	-269.1|	0.0|	0.0|	269.1|

Copertura area carburante - Relazione di calcolo

| 12- 2|si| 6|	Tz	|	77.2|	-3.8|	0.0|	77.5|		
| 11- 6|si| 9|	Ty	|	127.3|	0.0|	-8.6|	128.2|		
-----								PROGR. 24.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 11-12|	10547.8|		3282.9|		0.0|		-7276.6|	
| 12- 2|	-478.2|		-11654.7|		0.0|		1442.4|	
| 11- 6|	-6371.5|		-2718.2|		0.0|		5563.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 11-12|si| 2|Sx	Si	-259.8|		0.0|		0.0|		259.8|
| 12- 2|si| 6|	Tz	|	68.6|	-3.6|		0.0|		68.9|
| 11- 6|si| 9|	Ty	|	127.6|	0.0|		-7.7|		128.3|
-----								PROGR. 48.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 11-12|	9630.3|		2813.9|		0.0|		-7276.6|	
| 12- 2|	179.5|		-9989.7|		0.0|		1442.4|	
| 11- 6|	-4871.9|		-2329.9|		0.0|		5563.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 11-12|si| 2|Sx	Si	-249.5|		0.0|		0.0|		249.5|
| 12- 2|si| 6|	Tz	|	60.9|	-3.5|		0.0|		61.2|
| 11- 6|si| 9|	Ty	|	127.8|	0.0|		-6.7|		128.3|
-----								PROGR. 72.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 11-12|	8516.4|		2344.9|		0.0|		-7276.6|	
| 12- 2|	640.7|		-8324.8|		0.0|		1442.4|	
| 11-11|	8521.7|		1639.2|		0.0|		-7334.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 11-12|si| 2|Sx	Si	-238.4|		0.0|		0.0|		238.4|
| 12- 2|si| 6|	Tz	|	54.0|	-3.3|		0.0|		54.3|
| 11-11|si| 9|	Ty	|	-169.4|	0.0|		5.8|		169.7|
-----								PROGR. 96.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 11-12|	7206.1|		1875.9|		0.0|		-7276.6|	
| 12- 3|	3800.9|		-6636.6|		0.0|		-2311.1|	
| 11-11|	7210.3|		1311.4|		0.0|		-7334.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 11-12|si| 2|Sx	Si	-226.4|		0.0|		0.0|		226.4|
| 12- 3|si| 5|	Tz	|	-90.0|	-3.4|		0.0|		90.2|
| 11-11|si| 9|	Ty	|	-169.6|	0.0|		6.8|		170.0|
-----								PROGR. 121.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 11-12|	5699.2|		1406.9|		0.0|		-7276.6|	
| 12- 3|	3145.4|		-4977.5|		0.0|		-2311.1|	
| 11-11|	5702.4|		983.5|		0.0|		-7334.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 11-12|si| 2|Sx	Si	-213.4|		0.0|		0.0|		213.4|
| 12- 3|si| 5|	Tz	|	-82.3|	-3.6|		0.0|		82.6|
| 11-11|si| 9|	Ty	|	-169.8|	0.0|		7.7|		170.4|
-----								PROGR. 145.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 11-12|	3995.9|		938.0|		0.0|		-7276.6|	
| 12- 3|	2293.4|		-3318.3|		0.0|		-2311.1|	
| 11-11|	3998.1|		655.7|		0.0|		-7334.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 11-12|si| 2|Sx	Si	-199.6|		0.0|		0.0|		199.6|
| 12- 3|si| 5|	Tz	|	-73.7|	-3.8|		0.0|		74.0|
| 11-11|si| 9|	Ty	|	-170.0|	0.0|		8.7|		170.7|
-----								PROGR. 169.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 11-12|	2096.2|		469.0|		0.0|		-7276.6|	
| 12- 3|	1244.9|		-1659.2|		0.0|		-2311.1|	
| 11-11|	2097.3|		327.8|		0.0|		-7334.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 11-12|si| 2|Sx	Si	-184.8|		0.0|		0.0|		184.8|
| 12- 3|si| 5|	Tz	|	-64.2|	-4.0|		0.0|		64.5|
| 11-11|si| 9|	Ty	|	-170.2|	0.0|		9.6|		171.1|
-----								PROGR. 193.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 11-11|	0.0|		0.0|		0.0|		-7334.5|	
| 12- 3|	0.0|		0.0|		0.0|		-2311.1|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 11-11|si| 3|Sx	Si	-170.4|		0.0|		0.0|		170.4|
| 12- 3|si| 5|	Tz	|	-53.7|	-4.2|		0.0|		54.2|
| 11-11|si| 9|	TySi	|	-170.4|	0.0|		10.6|		171.4|

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso11-12 - Nodo 2 - Asse Y
 Ned = -7276.6|Mzeq = 8686.8|Myeq = 2813.9|Ss = -296.3 (0.113)
 P_HEB140_S006 (6) stato limite ultimo - ASTA (575- 578) 933

Copertura area carburante - Relazione di calcolo

----- PROGR.								0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	0.0	0.0	38.8	-14527.3	10.1	188.2		
6- 1	0.0	0.0	33.9	-14497.6	20.9	186.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	-337.6	0.0	0.0	337.6	
6- 1	|si	|5	|Tz	-336.9	7.6	0.0	337.2	
5- 1	|si	|9	|TySi	-337.6	0.0	-23.5	340.1	
----- PROGR.								24.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	4368.6	-504.3	33.9	-14497.6	20.9	175.8		
5- 1	4412.6	-243.4	38.8	-14527.3	10.1	177.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-363.6	0.0	0.0	363.6	
6- 1	|si	|5	|Tz	-358.6	7.4	0.0	358.8	
5- 1	|si	|9	|Ty	-337.8	0.0	-22.3	340.0	
----- PROGR.								48.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	8481.7	-1008.7	33.9	-14497.6	20.9	165.2		
5- 1	8569.9	-486.8	38.8	-14527.3	10.1	167.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-389.0	0.0	0.0	389.0	
6- 1	|si	|5	|Tz	-379.0	7.2	0.0	379.2	
5- 1	|si	|9	|Ty	-337.9	0.0	-21.0	339.9	
----- PROGR.								72.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	12339.5	-1513.0	33.9	-14497.6	20.9	154.6		
5- 1	12471.7	-730.3	38.8	-14527.3	10.1	156.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-413.3	0.0	0.0	413.3	
6- 1	|si	|5	|Tz	-398.3	6.9	0.0	398.5	
5- 1	|si	|9	|Ty	-338.1	0.0	-19.8	339.8	
----- PROGR.								96.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	15941.8	-2017.3	33.9	-14497.6	20.9	144.0		
5- 1	16118.2	-973.7	38.8	-14527.3	10.1	145.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-436.4	0.0	0.0	436.4	
6- 1	|si	|5	|Tz	-416.4	6.7	0.0	416.6	
5- 1	|si	|9	|Ty	-338.2	0.0	-18.6	339.8	
----- PROGR.								121.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	19288.8	-2521.6	33.9	-14497.6	20.9	133.4		
5- 1	19509.2	-1217.1	38.8	-14527.3	10.1	135.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-458.4	0.0	0.0	458.4	
6- 1	|si	|5	|Tz	-433.4	6.4	0.0	433.5	
5- 1	|si	|9	|Ty	-338.4	0.0	-17.4	339.7	
----- PROGR.								145.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	22380.4	-3026.0	33.9	-14497.6	20.9	122.9		
5- 1	22644.9	-1460.5	38.8	-14527.3	10.1	124.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-479.1	0.0	0.0	479.1	
6- 1	|si	|5	|Tz	-449.1	6.2	0.0	449.2	
5- 1	|si	|9	|Ty	-338.5	0.0	-16.1	339.7	
----- PROGR.								169.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	25216.6	-3530.3	33.9	-14497.6	20.9	112.3		
5- 1	25525.1	-1704.0	38.8	-14527.3	10.1	114.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-498.7	0.0	0.0	498.7	
6- 1	|si	|5	|Tz	-463.7	5.9	0.0	463.8	
5- 1	|si	|9	|Ty	-338.7	0.0	-14.9	339.7	
----- PROGR.								193.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	27797.3	-4034.6	33.9	-14497.6	20.9	101.7		
5- 1	28150.0	-1947.4	38.8	-14527.3	10.1	103.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-517.0	0.0	0.0	517.0	
6- 1	|si	|5	|Tz	-477.0	5.7	0.0	477.1	
5- 1	|si	|9	|Ty	-338.8	0.0	-13.7	339.7	

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193. |Ro = 5.93 |Im = 32.6 |Ncr= 840959.4 |alfa(b) = 0.3400 |ki= 0.9358 |
 Y |Lc = 193. |Ro = 3.57 |Im = 54.0 |Ncr= 305877.6 |alfa(c) = 0.4900 |ki= 0.7723 |
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -14497.6 |Mzeq = 20848.0 |Myeq = -3026.0 |Ss = -575.0 (0.220)

Copertura area carburante - Relazione di calcolo

P_HEB140_S006 (6) stato limite ultimo - ASTA (578- 581) 936
----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	27797.8	-3532.9	-65.7	-25854.3	-10.3	103.4
12-12	4756.3	12474.3	-13.7	-5325.0	138.2	51.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx Si	-774.6	0.0	0.0
12-12	si	5	Tz	-110.6	8.0	0.0
6- 1	si	9	Ty	-603.1	0.0	-14.8
----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	30165.0	-3283.8	-65.7	-25854.3	-10.3	92.8
12-12	5901.5	9140.2	-13.7	-5325.0	138.2	43.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx Si	-782.4	0.0	0.0
12-12	si	5	Tz	-125.3	7.8	0.0
6- 1	si	9	Ty	-602.9	0.0	-13.6
----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	32276.9	-3034.6	-65.7	-25854.3	-10.3	82.2
12-12	6850.3	5806.2	-13.7	-5325.0	138.2	35.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx Si	-789.0	0.0	0.0
12-12	si	5	Tz	-139.1	7.7	0.0
6- 1	si	9	Ty	-602.8	0.0	-12.3
----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	34133.3	-2785.5	-65.7	-25854.3	-10.3	71.7
12-12	7602.6	2472.1	-13.7	-5325.0	138.2	27.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx Si	-794.4	0.0	0.0
12-12	si	5	Tz	-152.0	7.5	0.0
6- 1	si	9	Ty	-602.6	0.0	-11.1
----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	35874.8	-2709.7	-65.0	-25799.8	15.9	58.9
12-12	8158.5	-862.0	-13.7	-5325.0	138.2	19.0
6- 1	35734.4	-2536.3	-65.7	-25854.3	-10.3	61.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	1	Sx Si	-800.2	0.0	0.0
12-12	si	5	Tz	-164.0	7.3	0.0
6- 1	si	9	Ty	-602.5	0.0	-9.9
----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	37167.3	-3094.4	-65.0	-25799.8	15.9	48.3
12-12	8517.9	-4196.1	-13.7	-5325.0	138.2	10.8
6- 1	37080.0	-2287.2	-65.7	-25854.3	-10.3	50.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	1	Sx Si	-811.1	0.0	0.0
12-12	si	5	Tz	-175.0	7.1	0.0
6- 1	si	9	Ty	-602.3	0.0	-8.6
----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	38204.5	-3479.1	-65.0	-25799.8	15.9	37.7
12-12	8680.8	-7530.2	-13.7	-5325.0	138.2	2.7
6- 1	38170.3	-2038.0	-65.7	-25854.3	-10.3	39.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	1	Sx Si	-820.8	0.0	0.0
12-12	si	5	Tz	-185.2	6.9	0.0
6- 1	si	9	Ty	-602.1	0.0	-7.4
----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	38986.3	-3863.8	-65.0	-25799.8	15.9	27.1
12-12	8647.3	-10864.3	-13.7	-5325.0	138.2	-5.5
6- 1	39005.2	-1788.9	-65.7	-25854.3	-10.3	29.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	1	Sx Si	-829.3	0.0	0.0
12-12	si	6	Tz	-133.2	7.0	0.0
6- 1	si	9	Ty	-602.0	0.0	-6.2
----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	39512.7	-4248.5	-65.0	-25799.8	15.9	16.5
12-12	8417.3	-14198.3	-13.7	-5325.0	138.2	-13.6
6- 1	39584.6	-1539.7	-65.7	-25854.3	-10.3	18.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	1	Sx Si	-836.7	0.0	0.0
12-12	si	6	Tz	-122.7	7.2	0.0
6- 1	si	9	Ty	-601.8	0.0	-5.0
----- PROGR. 193.

VERIFICA STABILITA` :

Copertura area carburante - Relazione di calcolo

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -25799.8|Mzeq = 39512.7|Myeq = -3522.6|Ss = -1014.2 (0.387)

P_HEB140_S006 (6) stato limite ultimo - ASTA (581- 584) 939
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	39513.3	-4203.1	-42.8	-33299.7	-24.2	80.8
12-16	8339.3	-15404.6	-6.7	-7619.2	-110.8	41.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1010.4	0.0	0.0	1010.4
12-16	si	6	Tz		-172.3	-6.1	0.0	172.6
5- 1	si	9	Ty		-776.5	0.0	-11.2	776.8
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	41335.8	-3619.2	-42.8	-33299.7	-24.2	70.3
12-16	9235.1	-12731.7	-6.7	-7619.2	-110.8	33.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1011.4	0.0	0.0	1011.4
12-16	si	6	Tz		-183.9	-5.9	0.0	184.2
5- 1	si	9	Ty		-776.2	0.0	-10.0	776.4
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	42902.9	-3035.3	-42.8	-33299.7	-24.2	59.7
12-16	9934.5	-10058.8	-6.7	-7619.2	-110.8	24.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1011.2	0.0	0.0	1011.2
12-16	si	6	Tz		-194.7	-5.8	0.0	195.0
5- 1	si	9	Ty		-775.8	0.0	-8.7	775.9
 ----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	44214.6	-2451.4	-42.8	-33299.7	-24.2	49.1
12-16	10437.5	-7386.0	-6.7	-7619.2	-110.8	16.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1009.9	0.0	0.0	1009.9
12-16	si	6	Tz		-204.6	-5.6	0.0	204.8
5- 1	si	9	Ty		-775.4	0.0	-7.5	775.5
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45270.9	-1867.5	-42.8	-33299.7	-24.2	38.5
12-16	10744.0	-4713.1	-6.7	-7619.2	-110.8	8.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1007.3	0.0	0.0	1007.3
12-16	si	6	Tz		-213.5	-5.4	0.0	213.7
5- 1	si	9	Ty		-775.1	0.0	-6.3	775.1
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	46071.9	-1283.6	-42.8	-33299.7	-24.2	27.9
12-16	10854.0	-2040.2	-6.7	-7619.2	-110.8	0.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-1003.6	0.0	0.0	1003.6
12-16	si	6	Tz		-221.6	-5.2	0.0	221.8
5- 1	si	9	Ty		-774.7	0.0	-5.1	774.7
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	46747.0	-1057.3	-40.2	-33279.4	-4.5	17.7
12-16	10767.6	632.7	-6.7	-7619.2	-110.8	-7.7
5- 1	46617.4	-699.7	-42.8	-33299.7	-24.2	17.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1003.4	0.0	0.0	1003.4
12-16	si	5	Tz		-225.2	-5.4	0.0	225.3
5- 1	si	9	Ty		-774.3	0.0	-3.8	774.3
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	47046.7	-948.2	-40.2	-33279.4	-4.5	7.1
12-16	10484.7	3305.6	-6.7	-7619.2	-110.8	-15.8
8- 2	8817.4	1901.0	-11.0	-6762.4	-47.8	-27.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1003.4	0.0	0.0	1003.4
12-16	si	5	Tz		-216.3	-5.5	0.0	216.5
8- 2	si	9	Ty		-155.9	0.0	3.7	156.1
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	47091.0	-839.2	-40.2	-33279.4	-4.5	-3.5
12-16	10005.3	5978.5	-6.7	-7619.2	-110.8	-23.9
8- 2	8021.8	3053.8	-11.0	-6762.4	-47.8	-38.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1002.2	0.0	0.0	1002.2
12-16	si	5	Tz		-206.5	-5.7	0.0	206.8
8- 2	si	9	Ty		-155.2	0.0	4.9	155.4

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA' :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -33299.7 |MzEq = 46942.2 |MyEq = -3152.3 |Ss = -1273.5 (0.486)

P_HEB140_S006 (6) stato limite ultimo - ASTA (584- 587) 942
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	47091.4	-1364.9	-11.6	-35244.8	-9.7	-4.3
11- 6	9188.9	-1862.4	-12.0	-7452.7	-6.6	25.1
8- 2	8022.0	2455.1	-3.2	-7122.3	10.0	35.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	Sx	Si	-1054.6	0.0	0.0	1054.6
11- 6	|si	6	Tz		-210.5	-1.7	0.0	210.5
8- 2	|si	9	Ty		-164.0	0.0	-4.2	164.1

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	46861.1	-1130.9	-11.6	-35244.8	-9.7	-14.8
8- 2	8741.8	2212.8	-3.2	-7122.3	10.0	24.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	Sx	Si	-1050.5	0.0	0.0	1050.5
6- 1	|si	5	Tz		-1039.3	-1.6	0.0	1039.3
8- 2	|si	9	Ty		-164.1	0.0	-3.0	164.2

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	46375.5	-897.0	-11.6	-35244.8	-9.7	-25.4
5- 1	46265.1	132.7	-15.6	-35155.2	-3.3	-24.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	Sx	Si	-1045.3	0.0	0.0	1045.3
6- 1	|si	5	Tz		-1036.4	-1.8	0.0	1036.4
5- 1	|si	9	Ty		-816.9	0.0	3.5	816.9

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	45634.5	-663.0	-11.6	-35244.8	-9.7	-36.0
5- 1	45543.3	212.0	-15.6	-35155.2	-3.3	-35.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	Sx	Si	-1038.9	0.0	0.0	1038.9
6- 1	|si	5	Tz		-1032.3	-2.1	0.0	1032.3
5- 1	|si	9	Ty		-816.9	0.0	4.7	816.9

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	44638.0	-429.1	-11.6	-35244.8	-9.7	-46.6
5- 1	44566.1	291.4	-15.6	-35155.2	-3.3	-45.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	Sx	Si	-1031.3	0.0	0.0	1031.3
6- 1	|si	5	Tz		-1027.0	-2.3	0.0	1027.0
5- 1	|si	9	Ty		-816.8	0.0	6.0	816.9

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	43386.2	-195.1	-11.6	-35244.8	-9.7	-57.2
5- 1	43333.4	370.7	-15.6	-35155.2	-3.3	-56.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	Sx	Si	-1022.5	0.0	0.0	1022.5
6- 1	|si	5	Tz		-1020.6	-2.6	0.0	1020.6
5- 1	|si	9	Ty		-816.8	0.0	7.2	816.8

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	41845.4	450.0	-15.6	-35155.2	-3.3	-67.0
6- 1	41879.0	38.9	-11.6	-35244.8	-9.7	-67.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	2	Sx	Si	-1016.5	0.0	0.0	1016.5
6- 1	|si	5	Tz		-1012.9	-2.8	0.0	1012.9
5- 1	|si	9	Ty		-816.7	0.0	8.4	816.8

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	40102.0	529.3	-15.6	-35155.2	-3.3	-77.6
6- 1	40116.4	272.8	-11.6	-35244.8	-9.7	-78.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	2	Sx	Si	-1009.5	0.0	0.0	1009.5
6- 1	|si	5	Tz		-1004.1	-3.1	0.0	1004.1
5- 1	|si	9	Ty		-816.7	0.0	9.7	816.8

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	38098.3	506.8	-11.6	-35244.8	-9.7	-88.9
5- 1	38103.2	608.6	-15.6	-35155.2	-3.3	-88.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	Sx	Si	-1002.0	0.0	0.0	1002.0

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 5| Tz	| -994.1|	-3.3|	0.0|	994.1|
| 5- 1|si| 9| Ty	| -816.6|	0.0|	10.9|	816.8|

VERIFICA STABILITA' :				
|L0 = 193.1|				
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|				
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|				
Caso 6- 1 - Nodo 1 - Asse Y				
Ned = -35244.8|Mzeq = 47091.4|Myeq = -1023.7|Ss = -1303.0 (0.497)				
P_HEB140_S006 (6) stato limite ultimo - ASTA (587- 590) 945				

SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	38103.3|	298.8|	7.6|	-35179.8|
| 6- 1|	38098.3|	-56.9|	11.5|	-35246.8|

TENSIONI (Sz= 0.00) :				
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx |	Si |	-997.8|	0.0|	0.0|
| 6- 1|si| 5| Tz |	Ty |	-995.7|	2.8|	0.0|
| 6- 1|si| 9| Ty |	Sx |	-819.2|	0.0|	-10.2|

PROGR. 24.				
SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	39943.4|	373.5|	7.6|	-35179.8|
| 6- 1|	39985.1|	-76.9|	11.5|	-35246.8|

TENSIONI (Sz= 0.00) :				
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx |	Si |	-1007.3|	0.0|	0.0|
| 6- 1|si| 5| Tz |	Ty |	-1004.5|	2.6|	0.0|
| 6- 1|si| 9| Ty |	Sx |	-819.2|	0.0|	-9.0|

PROGR. 48.				
SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	41528.2|	448.1|	7.6|	-35179.8|
| 6- 1|	41616.4|	-96.8|	11.5|	-35246.8|

TENSIONI (Sz= 0.00) :				
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx |	Si |	-1015.6|	0.0|	0.0|
| 6- 1|si| 5| Tz |	Ty |	-1012.1|	2.3|	0.0|
| 6- 1|si| 9| Ty |	Sx |	-819.2|	0.0|	-7.7|

PROGR. 72.				
SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	42857.5|	522.8|	7.6|	-35179.8|
| 6- 1|	42992.3|	-116.8|	11.5|	-35246.8|

TENSIONI (Sz= 0.00) :				
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx |	Si |	-1022.7|	0.0|	0.0|
| 6- 1|si| 5| Tz |	Ty |	-1018.6|	2.1|	0.0|
| 6- 1|si| 9| Ty |	Sx |	-819.2|	0.0|	-6.5|

PROGR. 96.				
SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	43931.5|	597.4|	7.6|	-35179.8|
| 6- 1|	44112.8|	-136.8|	11.5|	-35246.8|

TENSIONI (Sz= 0.00) :				
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx |	Si |	-1028.6|	0.0|	0.0|
| 6- 1|si| 5| Tz |	Ty |	-1023.8|	1.8|	0.0|
| 6- 1|si| 9| Ty |	Sx |	-819.2|	0.0|	-5.3|

PROGR. 121.				
SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	44750.0|	672.1|	7.6|	-35179.8|
| 6- 1|	44978.0|	-156.8|	11.5|	-35246.8|

TENSIONI (Sz= 0.00) :				
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx |	Si |	-1033.4|	0.0|	0.0|
| 6- 1|si| 5| Tz |	Ty |	-1027.9|	1.6|	0.0|
| 6- 1|si| 9| Ty |	Sx |	-819.2|	0.0|	-4.0|

PROGR. 145.				
SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	45313.2|	746.7|	7.6|	-35179.8|
| 12- 3|	10436.0|	-5483.1|	5.7|	-7938.8|
| 6- 1|	45587.7|	-176.8|	11.5|	-35246.8|

TENSIONI (Sz= 0.00) :				
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx |	Si |	-1036.9|	0.0|	0.0|
| 12- 3|si| 6| Tz |	Ty |	-217.4|	1.6|	0.0|
| 6- 1|si| 9| Ty |	Sx |	-819.2|	0.0|	-2.8|

PROGR. 169.				
SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	45620.9|	821.4|	7.6|	-35179.8|
| 12- 3|	10184.7|	-6063.0|	5.7|	-7938.8|
| 8- 2|	8476.0|	2247.7|	2.9|	-7122.8|

TENSIONI (Sz= 0.00) :				
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx |	Si |	-1039.3|	0.0|	0.0|
| 12- 3|si| 6| Tz |	Ty |	-214.6|	1.8|	0.0|
| 8- 2|si| 9| Ty |	Sx |	-164.1|	0.0|	3.2|

PROGR. 193.				
SOLLECITAZIONI :				
| Caso |	MZ |	MY |	MT |	N |
| 5- 1|	45673.3|	896.0|	7.6|	-35179.8|
| 12- 3|	9737.0|	-6642.9|	5.7|	-7938.8|

Copertura area carburante - Relazione di calcolo

```

| 8- 2|      7718.2| 2510.6|      2.9| -7122.8|      -10.9| -36.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1040.5| 0.0| 0.0| 1040.5|
| 12- 3|si| 6| Tz | | -210.9| 2.0| 0.0| 210.9|
| 8- 2|si| 9| Ty | | -163.9| 0.0| 4.4| 164.1|

```

VERIFICA STABILITA` :

```

|LO = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -35179.8|Mzeq = 45673.3|Myeq = 776.6|Ss = -1290.6 ( 0.493)

```

```

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 590- 593) 948
----- PROGR. 0.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 46040.5| -753.6| 40.2| -32158.5| -29.3| 2.0|
| 12- 8| 9717.5| -7851.6| 10.0| -7332.7| -126.0| 25.5|
| 7- 2| 8330.8| 215.2| 15.0| -6763.4| -1.4| 40.6|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -970.2| 0.0| 0.0| 970.2|
| 12- 8|si| 6| Tz | | -193.3| -6.7| 0.0| 193.6|
| 7- 2|si| 9| Ty | | -157.0| 0.0| -5.4| 157.3|
----- PROGR. 24.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45573.0| 972.5| 37.6| -31985.7| -5.4| -9.4|
| 12- 8| 10234.9| -4810.8| 10.0| -7332.7| -126.0| 17.4|
| 7- 2| 9182.6| 249.6| 15.0| -6763.4| -1.4| 30.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -966.8| 0.0| 0.0| 966.8|
| 12- 8|si| 6| Tz | | -204.2| -6.5| 0.0| 204.6|
| 7- 2|si| 9| Ty | | -157.0| 0.0| -4.1| 157.2|
----- PROGR. 48.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 45624.6| 662.5| 40.2| -32158.5| -29.3| -19.2|
| 12- 8| 10555.8| -1770.1| 10.0| -7332.7| -126.0| 9.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -967.1| 0.0| 0.0| 967.1|
| 12- 8|si| 6| Tz | | -214.3| -6.3| 0.0| 214.6|
| 6- 1|si| 9| Ty | | -746.9| 0.0| 3.9| 747.0|
----- PROGR. 72.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 45033.6| 1370.6| 40.2| -32158.5| -29.3| -29.8|
| 12- 8| 10680.2| 1270.7| 10.0| -7332.7| -126.0| 1.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -973.4| 0.0| 0.0| 973.4|
| 12- 8|si| 6| Tz | | -223.5| -6.1| 0.0| 223.7|
| 6- 1|si| 9| Ty | | -746.5| 0.0| 5.2| 746.5|
----- PROGR. 96.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 44187.1| 2078.6| 40.2| -32158.5| -29.3| -40.4|
| 12- 8| 10608.2| 4311.5| 10.0| -7332.7| -126.0| -7.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -978.5| 0.0| 0.0| 978.5|
| 12- 8|si| 5| Tz | | -207.4| -6.2| 0.0| 207.7|
| 6- 1|si| 9| Ty | | -746.0| 0.0| 6.4| 746.1|
----- PROGR. 121.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 43085.3| 2786.7| 40.2| -32158.5| -29.3| -51.0|
| 12- 8| 10339.7| 7352.2| 10.0| -7332.7| -126.0| -15.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -982.4| 0.0| 0.0| 982.4|
| 12- 8|si| 5| Tz | | -197.6| -6.4| 0.0| 197.9|
| 6- 1|si| 9| Ty | | -745.6| 0.0| 7.6| 745.7|
----- PROGR. 145.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 41728.0| 3494.7| 40.2| -32158.5| -29.3| -61.6|
| 12- 8| 9874.8| 10393.0| 10.0| -7332.7| -126.0| -23.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -985.1| 0.0| 0.0| 985.1|
| 12- 8|si| 5| Tz | | -186.8| -6.6| 0.0| 187.2|
| 6- 1|si| 9| Ty | | -745.1| 0.0| 8.8| 745.3|
----- PROGR. 169.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 40115.4| 4202.8| 40.2| -32158.5| -29.3| -72.1|
| 12- 8| 9213.4| 13433.7| 10.0| -7332.7| -126.0| -31.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -986.7| 0.0| 0.0| 986.7|
| 12- 8|si| 5| Tz | | -175.2| -6.8| 0.0| 175.6|
| 6- 1|si| 9| Ty | | -744.7| 0.0| 10.1| 744.9|
----- PROGR. 193.

```

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 38247.4 | 4910.9 | 40.2 | -32158.5 | -29.3 | -82.7 |
| 12- 8 | 8355.6 | 16474.5 | 10.0 | -7332.7 | -126.0 | -39.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -987.0 | 0.0 | 0.0 | 987.0 |
| 12- 8|si| 5|  Tz |  -162.7 | -7.0 | 0.0 | 163.1 |
| 6- 1|si| 9|  Ty |  -744.2 | 0.0 | 11.3 | 744.5 |

```

VERIFICA STABILITA` :

```

|L0 = 193. |
Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b )=0.3400 |ki=0.9358 |
Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c )=0.4900 |ki=0.7723 |
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -32158.5 |Mzeq = 46040.5 |Myeq = 3683.1 |Ss = -1241.8 ( 0.474)

```

```

P_HEB140_S006 ( 6) ----- stato limite ultimo - ASTA ( 593- 596) 951
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 38246.3 | 5099.0 | 66.6 | -27761.0 | 43.1 | 3.8 |
| 12- 4 | 8435.0 | 15234.5 | 12.6 | -5849.8 | 154.8 | 17.9 |
| 8- 2 | 7118.8 | -4442.1 | 18.5 | -5928.8 | -42.2 | 30.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -887.2 | 0.0 | 0.0 | 887.2 |
| 12- 4|si| 5|  Tz |  -132.1 | 7.9 | 0.0 | 132.8 |
| 8- 2|si| 9|  Ty |  -140.6 | 0.0 | -4.3 | 140.8 |
----- PROGR. 24.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 38211.1 | 4060.3 | 66.6 | -27761.0 | 43.1 | -6.8 |
| 12- 4 | 8767.8 | 11499.2 | 12.6 | -5849.8 | 154.8 | 9.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -873.8 | 0.0 | 0.0 | 873.8 |
| 12- 4|si| 5|  Tz |  -144.1 | 7.7 | 0.0 | 144.7 |
| 6- 1|si| 9|  Ty |  -642.6 | 0.0 | 3.6 | 642.6 |
----- PROGR. 48.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 37920.6 | 3021.7 | 66.6 | -27761.0 | 43.1 | -17.3 |
| 12- 4 | 8904.1 | 7764.0 | 12.6 | -5849.8 | 154.8 | 1.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -859.3 | 0.0 | 0.0 | 859.3 |
| 12- 4|si| 5|  Tz |  -155.3 | 7.5 | 0.0 | 155.8 |
| 6- 1|si| 9|  Ty |  -643.2 | 0.0 | 4.8 | 643.3 |
----- PROGR. 72.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 37374.6 | 1983.0 | 66.6 | -27761.0 | 43.1 | -27.9 |
| 12- 4 | 8844.0 | 4028.7 | 12.6 | -5849.8 | 154.8 | -6.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -843.5 | 0.0 | 0.0 | 843.5 |
| 12- 4|si| 6|  Tz |  -188.3 | 7.6 | 0.0 | 188.7 |
| 6- 1|si| 9|  Ty |  -643.9 | 0.0 | 6.1 | 644.0 |
----- PROGR. 96.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 36573.3 | 944.4 | 66.6 | -27761.0 | 43.1 | -38.5 |
| 12- 4 | 8587.4 | 293.4 | 12.6 | -5849.8 | 154.8 | -14.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -826.6 | 0.0 | 0.0 | 826.6 |
| 12- 4|si| 6|  Tz |  -176.5 | 7.8 | 0.0 | 177.1 |
| 6- 1|si| 9|  Ty |  -644.6 | 0.0 | 7.3 | 644.7 |
----- PROGR. 121.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 35516.5 | -94.3 | 66.6 | -27761.0 | 43.1 | -49.1 |
| 12- 4 | 8134.3 | -3441.8 | 12.6 | -5849.8 | 154.8 | -22.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -810.9 | 0.0 | 0.0 | 810.9 |
| 12- 4|si| 6|  Tz |  -163.9 | 8.0 | 0.0 | 164.5 |
| 6- 1|si| 9|  Ty |  -645.2 | 0.0 | 8.5 | 645.4 |
----- PROGR. 145.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 34204.4 | -1133.0 | 66.6 | -27761.0 | 43.1 | -59.7 |
| 12- 4 | 7484.8 | -7177.1 | 12.6 | -5849.8 | 154.8 | -31.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -818.0 | 0.0 | 0.0 | 818.0 |
| 12- 4|si| 6|  Tz |  -150.4 | 8.2 | 0.0 | 151.0 |
| 6- 1|si| 9|  Ty |  -645.9 | 0.0 | 9.7 | 646.1 |
----- PROGR. 169.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 32636.8 | -2171.6 | 66.6 | -27761.0 | 43.1 | -70.3 |
| 8- 1 | 29392.8 | -3132.7 | 60.8 | -25020.1 | 57.9 | -66.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -824.0 | 0.0 | 0.0 | 824.0 |
| 8- 1|si| 6|  Tz |  -708.8 | 8.4 | 0.0 | 708.9 |

```

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	-646.5|	0.0|	11.0|	646.8|			193.

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	30813.9|	-3210.3|	66.6|	-27761.0|	43.1|	-80.9|		
| 8- 1|	27654.0|	-4529.7|	60.8|	-25020.1|	57.9|	-77.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-828.7|	0.0|	0.0|	828.7|			
| 8- 1|si| 6|	Tz	-696.8|	8.6|	0.0|	696.9|			
| 6- 1|si| 9|	Ty	-647.2|	0.0|	12.2|	647.5|			

VERIFICA STABILITA` :								
|L0 = 193. |								
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|								
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|								
Caso 6- 1 - Nodo 2 - Asse Y								
Ned = -27761.0|Mzeq = 38246.3|Myeq = 3824.2|Ss = -1072.1 (0.409)								

P_HEB140_S006 (6)	stato limite ultimo - ASTA (596- 599)			954				

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	30813.1|	-2584.8|	0.0|	-15192.8|	-13.4|	-117.3|		
| 5- 1|	30976.5|	-445.3|	0.0|	-15023.8|	-2.3|	-118.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-528.7|	0.0|	0.0|	528.7|			
| 6- 1|si| 5|	Tz	-503.1|	-3.3|	0.0|	503.1|			
| 5- 1|si| 9|	Ty	-349.4|	0.0|	13.7|	350.2|			

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	27855.4|	-2261.7|	0.0|	-15192.8|	-13.4|	-127.9|		
| 5- 1|	27998.3|	-389.7|	0.0|	-15023.8|	-2.3|	-128.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-510.9|	0.0|	0.0|	510.9|			
| 6- 1|si| 5|	Tz	-488.5|	-3.5|	0.0|	488.5|			
| 5- 1|si| 9|	Ty	-349.4|	0.0|	15.0|	350.4|			

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	24642.2|	-1938.6|	0.0|	-15192.8|	-13.4|	-138.5|		
| 5- 1|	24764.8|	-334.0|	0.0|	-15023.8|	-2.3|	-139.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-491.9|	0.0|	0.0|	491.9|			
| 6- 1|si| 5|	Tz	-472.7|	-3.8|	0.0|	472.7|			
| 5- 1|si| 9|	Ty	-349.4|	0.0|	16.2|	350.5|			

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	21173.7|	-1615.5|	0.0|	-15192.8|	-13.4|	-149.1|		
| 5- 1|	21275.8|	-278.3|	0.0|	-15023.8|	-2.3|	-149.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-471.7|	0.0|	0.0|	471.7|			
| 6- 1|si| 5|	Tz	-455.7|	-4.0|	0.0|	455.7|			
| 5- 1|si| 9|	Ty	-349.3|	0.0|	17.4|	350.6|			

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	17449.7|	-1292.4|	0.0|	-15192.8|	-13.4|	-159.7|		
| 5- 1|	17531.4|	-222.7|	0.0|	-15023.8|	-2.3|	-160.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-450.3|	0.0|	0.0|	450.3|			
| 6- 1|si| 5|	Tz	-437.5|	-4.3|	0.0|	437.6|			
| 5- 1|si| 9|	Ty	-349.3|	0.0|	18.6|	350.8|			

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	13470.4|	-969.3|	0.0|	-15192.8|	-13.4|	-170.2|		
| 5- 1|	13531.7|	-167.0|	0.0|	-15023.8|	-2.3|	-171.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-427.8|	0.0|	0.0|	427.8|			
| 6- 1|si| 5|	Tz	-418.2|	-4.5|	0.0|	418.3|			
| 5- 1|si| 9|	Ty	-349.3|	0.0|	19.9|	350.9|			

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	9235.7|	-646.2|	0.0|	-15192.8|	-13.4|	-180.8|		
| 5- 1|	9276.5|	-111.3|	0.0|	-15023.8|	-2.3|	-181.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-404.1|	0.0|	0.0|	404.1|			
| 6- 1|si| 5|	Tz	-397.7|	-4.7|	0.0|	397.8|			
| 5- 1|si| 9|	Ty	-349.2|	0.0|	21.1|	351.1|			

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	4745.5|	-323.1|	0.0|	-15192.8|	-13.4|	-191.4|		
| 5- 1|	4766.0|	-55.7|	0.0|	-15023.8|	-2.3|	-192.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-379.2|	0.0|	0.0|	379.2|			

Copertura area carburante - Relazione di calcolo

```

| 6- 1|si| 5| Tz | -376.0| -5.0| 0.0| 376.1|
| 5- 1|si| 9| Ty | -349.2| 0.0| 22.3| 351.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -15192.8| -13.4| -202.0|
| 5- 1| 0.0| 0.0| 0.0| -15023.8| -2.3| -202.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | -353.1| 0.0| 0.0| 353.1|
| 6- 1|si| 5| Tz | -353.1| -5.2| 0.0| 353.2|
| 5- 1|si| 9| Ty | -349.1| 0.0| 23.6| 351.5|
| 6- 1|si| 9| Si | -353.1| 0.0| 23.5| 355.4|
-----
VERIFICA STABILITA` :
| L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -15192.8|Mzeq = 23109.8|Myeq = -1938.6|Ss = -592.2 ( 0.226)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 625- 628) 1029
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| -75.0| -16452.0| 6.3| 208.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -382.3| 0.0| 0.0| 382.3|
| 5- 1|si| 5| Tz | -382.3| 10.5| 0.0| 382.8|
| 5- 1|si| 9| TySi| -382.3| 0.0| -27.4| 385.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 4919.6| -446.5| -67.5| -16402.8| 18.5| 198.6|
| 5- 1| 4901.4| -151.0| -75.0| -16452.0| 6.3| 197.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -409.7| 0.0| 0.0| 409.7|
| 5- 1|si| 5| Tz | -405.5| 10.3| 0.0| 405.9|
| 5- 1|si| 9| Ty | -382.4| 0.0| -26.2| 385.1|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 9583.8| -893.1| -67.5| -16402.8| 18.5| 188.0|
| 5- 1| 9547.3| -301.9| -75.0| -16452.0| 6.3| 187.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -437.0| 0.0| 0.0| 437.0|
| 5- 1|si| 5| Tz | -427.4| 10.0| 0.0| 427.8|
| 5- 1|si| 9| Ty | -382.5| 0.0| -24.9| 385.0|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 13992.5| -1339.6| -67.5| -16402.8| 18.5| 177.5|
| 5- 1| 13937.9| -452.9| -75.0| -16452.0| 6.3| 176.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -463.1| 0.0| 0.0| 463.1|
| 5- 1|si| 5| Tz | -448.2| 9.8| 0.0| 448.5|
| 5- 1|si| 9| Ty | -382.6| 0.0| -23.7| 384.8|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 18145.9| -1786.1| -67.5| -16402.8| 18.5| 166.9|
| 5- 1| 18073.0| -603.9| -75.0| -16452.0| 6.3| 166.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -488.0| 0.0| 0.0| 488.0|
| 5- 1|si| 5| Tz | -467.7| 9.5| 0.0| 468.0|
| 5- 1|si| 9| Ty | -382.7| 0.0| -22.5| 384.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 22043.9| -2232.6| -67.5| -16402.8| 18.5| 156.3|
| 5- 1| 21952.8| -754.8| -75.0| -16452.0| 6.3| 155.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -511.7| 0.0| 0.0| 511.7|
| 5- 1|si| 5| Tz | -486.1| 9.3| 0.0| 486.4|
| 5- 1|si| 9| Ty | -382.8| 0.0| -21.2| 384.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 25686.5| -2679.2| -67.5| -16402.8| 18.5| 145.7|
| 5- 1| 25577.2| -905.8| -75.0| -16452.0| 6.3| 144.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -534.3| 0.0| 0.0| 534.3|
| 5- 1|si| 5| Tz | -503.4| 9.1| 0.0| 503.6|
| 5- 1|si| 9| Ty | -382.9| 0.0| -20.0| 384.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 29073.7| -3125.7| -67.5| -16402.8| 18.5| 135.1|
| 5- 1| 28946.1| -1056.8| -75.0| -16452.0| 6.3| 134.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 1|Sx	Si	-555.7|	0.0|	0.0|	555.7|		
| 5- 1|si| 5| Tz		-519.4|	8.8|	0.0|	519.6|		
| 5- 1|si| 9| Ty		-383.0|	0.0|	-18.8|	384.4|		
-----							193.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	32205.5|	-3572.2|	-67.5|	-16402.8|	18.5|	124.5|	
| 5- 1|	32059.7|	-1207.7|	-75.0|	-16452.0|	6.3|	123.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si	-575.8|	0.0|	0.0|	575.8|		
| 5- 1|si| 5| Tz		-534.2|	8.6|	0.0|	534.4|		
| 5- 1|si| 9| Ty		-383.1|	0.0|	-17.5|	384.3|		

VERIFICA STABILITA` :							
|L0 = 193. |							
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|							
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|							
Caso 6- 1 - Nodo 1 - Asse Y							
Ned = -16402.8|Mzeq = 24154.1|Myeq = -2679.2|Ss = -643.7 (0.246)							
P_HEB140_S006 (6) stato limite ultimo - ASTA (628- 630) 1031							
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	32191.0|	-3035.7|	84.9|	-29351.8|	-23.3|	80.1|	
| 8- 1|	28915.5|	-4422.8|	76.9|	-26596.9|	-40.6|	77.0|	
| 5- 1|	32045.5|	-860.9|	83.1|	-29284.8|	2.2|	82.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si	-869.9|	0.0|	0.0|	869.9|		
| 8- 1|si| 6| Tz		-739.6|	-9.1|	0.0|	739.7|		
| 5- 1|si| 9| Ty		-681.1|	0.0|	-13.1|	681.5|		
-----							24.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	33995.5|	-2472.5|	84.9|	-29351.8|	-23.3|	69.5|	
| 8- 1|	30646.2|	-3442.4|	76.9|	-26596.9|	-40.6|	66.4|	
| 5- 1|	33917.8|	-913.5|	83.1|	-29284.8|	2.2|	72.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si	-871.1|	0.0|	0.0|	871.1|		
| 8- 1|si| 6| Tz		-750.3|	-8.8|	0.0|	750.5|		
| 5- 1|si| 9| Ty		-681.1|	0.0|	-11.9|	681.5|		
-----							48.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	35544.6|	-1909.3|	84.9|	-29351.8|	-23.3|	58.9|	
| 8- 1|	32121.5|	-2461.9|	76.9|	-26596.9|	-40.6|	55.9|	
| 5- 1|	35534.8|	-966.1|	83.1|	-29284.8|	2.2|	61.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si	-871.1|	0.0|	0.0|	871.1|		
| 8- 1|si| 6| Tz		-759.9|	-8.6|	0.0|	760.1|		
| 5- 1|si| 9| Ty		-681.2|	0.0|	-10.7|	681.4|		
-----							72.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	36838.2|	-1346.0|	84.9|	-29351.8|	-23.3|	48.3|	
| 8- 1|	33341.5|	-1481.4|	76.9|	-26596.9|	-40.6|	45.3|	
| 5- 1|	36896.4|	-1018.7|	83.1|	-29284.8|	2.2|	51.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si	-869.9|	0.0|	0.0|	869.9|		
| 8- 1|si| 6| Tz		-768.3|	-8.3|	0.0|	768.5|		
| 5- 1|si| 9| Ty		-681.2|	0.0|	-9.5|	681.4|		
-----							96.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	38002.6|	-1071.3|	83.1|	-29284.8|	2.2|	40.6|	
| 8- 1|	34306.0|	-501.0|	76.9|	-26596.9|	-40.6|	34.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	-870.2|	0.0|	0.0|	870.2|		
| 8- 1|si| 6| Tz		-775.6|	-8.1|	0.0|	775.7|		
| 5- 1|si| 9| Ty		-681.2|	0.0|	-8.2|	681.4|		
-----							121.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	38853.4|	-1123.8|	83.1|	-29284.8|	2.2|	30.0|	
| 8- 1|	35015.2|	479.5|	76.9|	-26596.9|	-40.6|	24.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	-874.8|	0.0|	0.0|	874.8|		
| 8- 1|si| 6| Tz		-781.6|	-7.9|	0.0|	781.7|		
| 5- 1|si| 9| Ty		-681.3|	0.0|	-7.0|	681.4|		
-----							145.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	39448.8|	-1176.4|	83.1|	-29284.8|	2.2|	19.4|	
| 8- 1|	35468.9|	1460.0|	76.9|	-26596.9|	-40.6|	13.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	-878.3|	0.0|	0.0|	878.3|		
| 8- 1|si| 6| Tz		-786.5|	-7.6|	0.0|	786.6|		
| 5- 1|si| 9| Ty		-681.3|	0.0|	-5.8|	681.4|		
-----							169.
SOLLECITAZIONI :							

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	39788.7|	-1229.0|	83.1|	-29284.8|	2.2|	8.8|
8- 1|	35667.3|	2440.4|	76.9|	-26596.9|	-40.6|	2.9|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-880.5|	0.0|	0.0|	880.5|	
8- 1|si| 6| Tz		-790.2|	-7.4|	0.0|	790.3|	
5- 1|si| 9| Ty		-681.3|	0.0|	-4.5|	681.4|	
-----						193.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	39475.7|	1470.2|	84.9|	-29351.8|	-23.3|	-4.6|
8- 1|	35610.2|	3420.9|	76.9|	-26596.9|	-40.6|	-7.7|
7- 2|	6312.5|	-304.1|	21.8|	-5905.6|	1.2|	-36.5|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 2|Sx	Si|	-883.7|	0.0|	0.0|	883.7|	
8- 1|si| 5| Tz		-773.4|	-7.5|	0.0|	773.5|	
7- 2|si| 9| Ty		-137.4|	0.0|	5.2|	137.7|	

VERIFICA STABILITA` :						
|L0 = 193. |						
Z	|Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|					
Y	|Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|					
Caso 6- 1 - Nodo 1 - Asse Y						
Ned =	-29351.8|Mzeq = 39475.7|Myeq = -2276.8|Ss = -1104.8 (0.422)					
P_HEB140_S006 (6) stato limite ultimo - ASTA (630- 632) 1033						
-----						0.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	39864.5|	-1353.6|	53.5|	-33199.0|	0.2|	81.9|
8- 1|	35602.7|	3628.3|	46.3|	-29845.1|	38.9|	77.6|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-973.4|	0.0|	0.0|	973.4|	
8- 1|si| 5| Tz		-848.3|	6.8|	0.0|	848.3|	
5- 1|si| 9| Ty		-772.4|	0.0|	-11.8|	772.7|	
-----						24.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	41712.2|	-1359.1|	53.5|	-33199.0|	0.2|	71.3|
8- 1|	37347.6|	2690.5|	46.3|	-29845.1|	38.9|	67.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-982.0|	0.0|	0.0|	982.0|	
8- 1|si| 5| Tz		-859.0|	6.6|	0.0|	859.1|	
5- 1|si| 9| Ty		-772.4|	0.0|	-10.5|	772.6|	
-----						48.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	43304.5|	-1364.7|	53.5|	-33199.0|	0.2|	60.7|
8- 1|	38837.2|	1752.6|	46.3|	-29845.1|	38.9|	56.4|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-989.5|	0.0|	0.0|	989.5|	
8- 1|si| 5| Tz		-868.5|	6.3|	0.0|	868.6|	
5- 1|si| 9| Ty		-772.4|	0.0|	-9.3|	772.6|	
-----						72.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	44641.4|	-1370.2|	53.5|	-33199.0|	0.2|	50.1|
8- 1|	40071.3|	814.8|	46.3|	-29845.1|	38.9|	45.9|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-995.7|	0.0|	0.0|	995.7|	
8- 1|si| 5| Tz		-876.9|	6.1|	0.0|	876.9|	
5- 1|si| 9| Ty		-772.4|	0.0|	-8.1|	772.5|	
-----						96.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	45722.9|	-1375.8|	53.5|	-33199.0|	0.2|	39.5|
8- 1|	41050.0|	-123.0|	46.3|	-29845.1|	38.9|	35.3|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1000.8|	0.0|	0.0|	1000.8|	
8- 1|si| 5| Tz		-884.1|	5.8|	0.0|	884.1|	
5- 1|si| 9| Ty		-772.4|	0.0|	-6.9|	772.5|	
-----						121.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	46549.0|	-1381.3|	53.5|	-33199.0|	0.2|	28.9|
8- 1|	41773.3|	-1060.8|	46.3|	-29845.1|	38.9|	24.7|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1004.7|	0.0|	0.0|	1004.7|	
8- 1|si| 5| Tz		-890.1|	5.6|	0.0|	890.1|	
5- 1|si| 9| Ty		-772.4|	0.0|	-5.6|	772.5|	
-----						145.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	46780.7|	-1877.9|	51.2|	-33043.2|	24.5|	18.8|
12- 1|	10942.3|	-1231.7|	10.7|	-7677.6|	106.6|	-12.8|
5- 1|	47119.8|	-1386.8|	53.5|	-33199.0|	0.2|	18.4|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-1008.5|	0.0|	0.0|	1008.5|	
12- 1|si| 6| Tz		-225.6|	5.6|	0.0|	225.8|	

Copertura area carburante - Relazione di calcolo

| 5-1|si| 9|	Ty	-772.4|	0.0|	-4.4|	772.4|			169.
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6-1|	47105.6|	-2468.8|	51.2|	-33043.2|	24.5|	8.2|		
| 12-1|	10536.1|	-3804.0|	10.7|	-7677.6|	106.6|	-20.9|		
| 8-2|	8513.4|	1250.8|	11.0|	-6456.0|	-36.5|	-27.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6-1|si| 1|	Sx	Si	-1017.5|	0.0|	0.0|	1017.5|		
| 12-1|si| 6|	Tz	-216.5|	5.8|	0.0|	216.7|			
| 8-2|si| 9|	Ty	-149.2|	0.0|	3.7|	149.4|			
----- PROGR.								
193.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6-1|	47175.2|	-3059.7|	51.2|	-33043.2|	24.5|	-2.4|		
| 12-1|	9933.3|	-6376.4|	10.7|	-7677.6|	106.6|	-29.1|		
| 8-2|	7711.8|	2132.6|	11.0|	-6456.0|	-36.5|	-38.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6-1|si| 1|	Sx	Si	-1025.4|	0.0|	0.0|	1025.4|		
| 12-1|si| 6|	Tz	-206.5|	6.0|	0.0|	206.7|			
| 8-2|si| 9|	Ty	-148.7|	0.0|	4.9|	148.9|			
----- PROGR.								
193.								
----- PROGR.								
VERIFICA STABILITA` :								
|L0 = 193. |								
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|								
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|								
Caso 6-1 - Nodo 1 - Asse Y								
Ned = -33043.2|MzEq = 47175.2|MyEq = -2294.8|Ss = -1254.5 (0.479)								
----- PROGR.								
P_HEB140_S006 (6) stato limite ultimo - ASTA (632- 634) 1035								
----- PROGR.								
0.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6-1|	47171.3|	-3147.3|	15.8|	-36184.7|	-18.4|	2.2|		
| 7-1|	42939.2|	-1787.0|	21.3|	-32777.0|	-13.4|	3.5|		
| 7-2|	7179.1|	-321.8|	-3.9|	-7034.2|	-2.1|	40.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6-1|si| 1|	Sx	Si	-1099.5|	0.0|	0.0|	1099.5|		
| 7-1|si| 6|	Tz	-955.6|	-2.2|	0.0|	955.6|			
| 7-2|si| 9|	Ty	-163.7|	0.0|	-4.9|	163.9|			
----- PROGR.								
24.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6-1|	47097.6|	-2702.6|	15.8|	-36184.7|	-18.4|	-8.3|		
| 5-1|	47374.5|	-1607.9|	20.0|	-36242.7|	-14.5|	-10.1|		
| 7-2|	8027.6|	-271.1|	-3.9|	-7034.2|	-2.1|	29.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6-1|si| 1|	Sx	Si	-1093.5|	0.0|	0.0|	1093.5|		
| 5-1|si| 5|	Tz	-1066.2|	-2.3|	0.0|	1066.2|			
| 7-2|si| 9|	Ty	-163.6|	0.0|	-3.6|	163.8|			
----- PROGR.								
48.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6-1|	46768.6|	-2257.9|	15.8|	-36184.7|	-18.4|	-18.9|		
| 5-1|	47003.3|	-1258.3|	20.0|	-36242.7|	-14.5|	-20.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6-1|si| 1|	Sx	Si	-1086.3|	0.0|	0.0|	1086.3|		
| 5-1|si| 5|	Tz	-1063.5|	-2.5|	0.0|	1063.5|			
| 5-1|si| 9|	Ty	-843.1|	0.0|	3.3|	843.1|			
----- PROGR.								
72.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6-1|	46184.1|	-1813.2|	15.8|	-36184.7|	-18.4|	-29.5|		
| 5-1|	46376.6|	-908.6|	20.0|	-36242.7|	-14.5|	-31.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6-1|si| 1|	Sx	Si	-1077.9|	0.0|	0.0|	1077.9|		
| 5-1|si| 5|	Tz	-1059.6|	-2.8|	0.0|	1059.6|			
| 5-1|si| 9|	Ty	-842.8|	0.0|	4.5|	842.9|			
----- PROGR.								
96.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6-1|	45344.3|	-1368.5|	15.8|	-36184.7|	-18.4|	-40.1|		
| 5-1|	45494.6|	-559.0|	20.0|	-36242.7|	-14.5|	-41.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6-1|si| 1|	Sx	Si	-1068.4|	0.0|	0.0|	1068.4|		
| 5-1|si| 5|	Tz	-1054.5|	-3.0|	0.0|	1054.6|			
| 5-1|si| 9|	Ty	-842.6|	0.0|	5.7|	842.7|			
----- PROGR.								
121.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6-1|	44249.0|	-923.8|	15.8|	-36184.7|	-18.4|	-50.7|		
| 5-1|	44357.1|	-209.4|	20.0|	-36242.7|	-14.5|	-52.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6-1|si| 1|	Sx	Si	-1057.6|	0.0|	0.0|	1057.6|		
| 5-1|si| 5|	Tz	-1048.3|	-3.3|	0.0|	1048.3|			
| 5-1|si| 9|	Ty	-842.4|	0.0|	6.9|	842.5|			
----- PROGR.								
145.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
6-1	42898.4	-479.0	15.8	-36184.7	-18.4	-61.3		

Copertura area carburante - Relazione di calcolo

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| 5- 1|      42964.3|      140.3|      20.0| -36242.7|      -14.5|      -63.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -1045.7|      0.0|      0.0| 1045.7|
| 5- 1|si| 5|  Tz |      -1040.9|      -3.5|      0.0| 1040.9|
| 5- 1|si| 9|  Ty |      -842.2|      0.0|      8.2|  842.3|
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      41316.0|      489.9|      20.0| -36242.7|      -14.5|      -73.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1039.9|      0.0|      0.0| 1039.9|
| 5- 1|si| 5|  Tz |      -1032.2|      -3.8|      0.0| 1032.3|
| 5- 1|si| 9|  Ty |      -842.0|      0.0|      9.4|  842.1|
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      39412.4|      839.5|      20.0| -36242.7|      -14.5|      -84.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1035.5|      0.0|      0.0| 1035.5|
| 5- 1|si| 5|  Tz |      -1022.4|      -4.0|      0.0| 1022.5|
| 5- 1|si| 9|  Ty |      -841.7|      0.0|     10.6|  841.9|
-----

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VERIFICA STABILITA` :

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|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -36184.7|Mzeq = 47171.3|Myeq = -2360.5|Ss = -1351.3 ( 0.516)

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P_HEB140_S006 ( 6) ----- stato limite ultimo - ASTA ( 634- 636) 1037
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      39411.8|      51.3|      -9.5| -36264.3|      -2.0|      88.8|
| 6- 1|      39431.0|     -151.7|     -14.0| -36182.8|      3.5|      88.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1026.0|      0.0|      0.0| 1026.0|
| 6- 1|si| 5|  Tz |      -1023.9|      3.2|      0.0| 1023.9|
| 6- 1|si| 9|  Ty |      -841.0|      0.0|     -10.8|  841.2|
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      41426.1|      100.0|      -9.5| -36264.3|      -2.0|      78.2|
| 6- 1|      41425.9|     -236.6|     -14.0| -36182.8|      3.5|      77.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1035.9|      0.0|      0.0| 1035.9|
| 6- 1|si| 5|  Tz |      -1033.4|      3.0|      0.0| 1033.4|
| 6- 1|si| 9|  Ty |      -841.0|      0.0|      -9.6|  841.2|
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      43165.4|     -321.4|     -14.0| -36182.8|      3.5|      66.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -1044.9|      0.0|      0.0| 1044.9|
| 6- 1|si| 5|  Tz |      -1041.7|      2.7|      0.0| 1041.7|
| 6- 1|si| 9|  Ty |      -841.1|      0.0|      -8.4|  841.2|
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      44649.4|     -406.2|     -14.0| -36182.8|      3.5|      56.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -1052.8|      0.0|      0.0| 1052.8|
| 6- 1|si| 5|  Tz |      -1048.8|      2.5|      0.0| 1048.8|
| 6- 1|si| 9|  Ty |      -841.1|      0.0|      -7.1|  841.2|
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      45878.1|     -491.1|     -14.0| -36182.8|      3.5|      45.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -1059.6|      0.0|      0.0| 1059.6|
| 6- 1|si| 5|  Tz |      -1054.7|      2.2|      0.0| 1054.7|
| 6- 1|si| 9|  Ty |      -841.2|      0.0|      -5.9|  841.2|
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      46851.4|     -575.9|     -14.0| -36182.8|      3.5|      35.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -1065.2|      0.0|      0.0| 1065.2|
| 6- 1|si| 5|  Tz |      -1059.5|      2.0|      0.0| 1059.5|
| 6- 1|si| 9|  Ty |      -841.2|      0.0|      -4.7|  841.3|
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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      47569.3|     -660.7|     -14.0| -36182.8|      3.5|      24.5|
| 12- 3|      10528.6|     -5988.6|      -6.4| -8027.5|      30.8|      -6.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -1069.6|      0.0|      0.0| 1069.6|
| 12- 3|si| 6|  Tz |      -218.4|      1.9|      0.0|  218.5|
-----

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Copertura area carburante - Relazione di calcolo

6-1	si	9	Ty	-841.3	0.0	-3.4	841.3	169.
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	48031.8	-745.5	-14.0	-36182.8	3.5	13.9		
12-3	10267.5	-6732.3	-6.4	-8027.5	30.8	-14.9		
7-2	8539.4	57.8	-10.2	-6994.6	1.7	-26.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-1072.8	0.0	0.0	1072.8
12-3	si	6	Tz	-215.1	2.1	0.0	215.2	
7-2	si	9	Ty	-162.5	0.0	3.6	162.6	
----- PROGR.								
193.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	48238.8	-830.4	-14.0	-36182.8	3.5	3.3		
12-3	9809.9	-7476.0	-6.4	-8027.5	30.8	-23.0		
7-2	7763.9	16.0	-10.2	-6994.6	1.7	-37.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-1074.9	0.0	0.0	1074.9
12-3	si	6	Tz	-210.9	2.3	0.0	210.9	
7-2	si	9	Ty	-162.5	0.0	4.8	162.8	
----- PROGR.								
193.								
VERIFICA STABILITA` :								
|L0 = 193. |								
Z	Lc = 193.	Ro = 5.93	lm = 32.6	Ncr = 840959.4	alfa(b) = 0.3400	ki = 0.9358		
Y	Lc = 193.	Ro = 3.57	lm = 54.0	Ncr = 305877.6	alfa(c) = 0.4900	ki = 0.7723		
Caso 6-1 - Nodo 1 - Asse Y								
Ned = -36182.8 | Mzeq = 48238.8 | Myeq = -638.4 | Ss = -1331.5 (0.508)								
P_HEB140_S006 (6) stato limite ultimo - ASTA (636- 638) 1039								
----- PROGR.								
0.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	48243.5	-1599.1	-46.5	-34080.9	-40.0	0.5		
12-8	9834.1	-8957.3	-11.4	-7556.6	-134.3	24.5		
7-2	7765.6	319.1	-16.1	-6796.7	-0.8	40.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-1035.8	0.0	0.0	1035.8
12-8	si	6	Tz	-195.9	-7.1	0.0	196.3	
7-2	si	9	Ty	-157.7	0.0	-5.4	158.0	
----- PROGR.								
24.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	48128.5	-633.9	-46.5	-34080.9	-40.0	-10.1		
12-8	10326.6	-5716.7	-11.4	-7556.6	-134.3	16.3		
7-2	8621.9	339.5	-16.1	-6796.7	-0.8	30.2		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-1023.0	0.0	0.0	1023.0
12-8	si	6	Tz	-207.3	-6.9	0.0	207.7	
7-2	si	9	Ty	-157.7	0.0	-4.2	157.9	
----- PROGR.								
48.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	47859.5	603.3	-42.7	-34065.0	-19.3	-21.4		
12-8	10622.7	-2476.1	-11.4	-7556.6	-134.3	8.2		
6-1	47758.2	331.4	-46.5	-34080.9	-40.0	-20.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	2	Sx	Si	-1021.0	0.0	0.0	1021.0
12-8	si	6	Tz	-217.8	-6.7	0.0	218.1	
6-1	si	9	Ty	-791.8	0.0	4.4	791.8	
----- PROGR.								
72.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	47132.5	1296.6	-46.5	-34080.9	-40.0	-31.2		
12-8	10722.4	764.4	-11.4	-7556.6	-134.3	0.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-1026.8	0.0	0.0	1026.8
12-8	si	6	Tz	-227.4	-6.5	0.0	227.7	
6-1	si	9	Ty	-791.2	0.0	5.6	791.3	
----- PROGR.								
96.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	46251.4	2261.9	-46.5	-34080.9	-40.0	-41.8		
12-8	10625.6	4005.0	-11.4	-7556.6	-134.3	-8.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-1035.0	0.0	0.0	1035.0
12-8	si	5	Tz	-213.5	-6.7	0.0	213.8	
6-1	si	9	Ty	-790.6	0.0	6.8	790.7	
----- PROGR.								
121.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	45114.9	3227.1	-46.5	-34080.9	-40.0	-52.4		
12-8	10332.3	7245.6	-11.4	-7556.6	-134.3	-16.2		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-1042.1	0.0	0.0	1042.1
12-8	si	5	Tz	-203.0	-6.9	0.0	203.4	
6-1	si	9	Ty	-790.0	0.0	8.1	790.1	
----- PROGR.								
145.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		

Copertura area carburante - Relazione di calcolo

| 6- 1 |	43723.0 |	4192.4 |	-46.5 |	-34080.9 |	-40.0 |	-63.0 |
| 12- 8 |	9842.6 |	10486.2 |	-11.4 |	-7556.6 |	-134.3 |	-24.4 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-1047.9 |	0.0 |	0.0 |	1047.9 |
| 12- 8 |	|si| 5 |	Tz |	-191.6 |	-7.1 |	0.0 |	192.0 |
| 6- 1 |	|si| 9 |	Ty |	-789.4 |	0.0 |	9.3 |	789.5 |
----- PROGR. 169.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	42075.7 |	5157.6 |	-46.5 |	-34080.9 |	-40.0 |	-73.6 |
| 12- 8 |	9156.4 |	13726.7 |	-11.4 |	-7556.6 |	-134.3 |	-32.5 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-1052.6 |	0.0 |	0.0 |	1052.6 |
| 12- 8 |	|si| 5 |	Tz |	-179.3 |	-7.3 |	0.0 |	179.8 |
| 6- 1 |	|si| 9 |	Ty |	-788.7 |	0.0 |	10.5 |	789.0 |
----- PROGR. 193.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	40172.9 |	6122.9 |	-46.5 |	-34080.9 |	-40.0 |	-84.2 |
| 12- 8 |	8273.7 |	16967.3 |	-11.4 |	-7556.6 |	-134.3 |	-40.7 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-1056.1 |	0.0 |	0.0 |	1056.1 |
| 12- 8 |	|si| 5 |	Tz |	-166.1 |	-7.5 |	0.0 |	166.6 |
| 6- 1 |	|si| 9 |	Ty |	-788.1 |	0.0 |	11.7 |	788.4 |

VERIFICA STABILITA` :						
|L0 = 193. |						
Z |	Lc = 193. |	Ro = 5.93 |	lm = 32.6 |	Ncr= 840959.4 |	alfa(b)=0.3400 |	ki=0.9358 |
Y |	Lc = 193. |	Ro = 3.57 |	lm = 54.0 |	Ncr= 305877.6 |	alfa(c)=0.4900 |	ki=0.7723 |
Caso 6- 1 - Nodo 2 - Asse Y						
Ned = -34080.9 | Mzeq = 48243.5 | Myeq = 4592.1 | Ss = -1324.3 (0.506)						

P_HEB140_S006 (6) stato limite ultimo - ASTA (638- 640) 1041						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	40182.7 |	5983.0 |	-80.9 |	-26007.5 |	38.0 |	-22.1 |
| 5- 1 |	40180.8 |	3028.6 |	-80.2 |	-25933.2 |	10.5 |	-23.6 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-866.7 |	0.0 |	0.0 |	866.7 |
| 6- 1 |	|si| 6 |	Tz |	-807.4 |	8.0 |	0.0 |	807.5 |
| 5- 1 |	|si| 9 |	Ty |	-600.7 |	0.0 |	6.1 |	600.8 |
----- PROGR. 24.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	39522.8 |	5065.3 |	-80.9 |	-26007.5 |	38.0 |	-32.6 |
| 5- 1 |	39483.6 |	2775.0 |	-80.2 |	-25933.2 |	10.5 |	-34.2 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-852.0 |	0.0 |	0.0 |	852.0 |
| 6- 1 |	|si| 6 |	Tz |	-801.7 |	8.2 |	0.0 |	801.9 |
| 5- 1 |	|si| 9 |	Ty |	-600.9 |	0.0 |	7.4 |	601.0 |
----- PROGR. 48.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	38607.4 |	4147.7 |	-80.9 |	-26007.5 |	38.0 |	-43.2 |
| 5- 1 |	38531.0 |	2521.4 |	-80.2 |	-25933.2 |	10.5 |	-44.8 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-836.0 |	0.0 |	0.0 |	836.0 |
| 6- 1 |	|si| 6 |	Tz |	-794.9 |	8.5 |	0.0 |	795.0 |
| 5- 1 |	|si| 9 |	Ty |	-601.1 |	0.0 |	8.6 |	601.3 |
----- PROGR. 72.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	37436.7 |	3230.0 |	-80.9 |	-26007.5 |	38.0 |	-53.8 |
| 5- 1 |	37322.9 |	2267.8 |	-80.2 |	-25933.2 |	10.5 |	-55.4 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-818.9 |	0.0 |	0.0 |	818.9 |
| 6- 1 |	|si| 6 |	Tz |	-786.9 |	8.7 |	0.0 |	787.0 |
| 5- 1 |	|si| 9 |	Ty |	-601.2 |	0.0 |	9.8 |	601.5 |
----- PROGR. 96.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	36010.5 |	2312.3 |	-80.9 |	-26007.5 |	38.0 |	-64.4 |
| 5- 1 |	35859.5 |	2014.2 |	-80.2 |	-25933.2 |	10.5 |	-66.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-800.6 |	0.0 |	0.0 |	800.6 |
| 6- 1 |	|si| 6 |	Tz |	-777.7 |	9.0 |	0.0 |	777.9 |
| 5- 1 |	|si| 9 |	Ty |	-601.4 |	0.0 |	11.1 |	601.7 |
----- PROGR. 121.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	34140.7 |	1760.6 |	-80.2 |	-25933.2 |	10.5 |	-76.5 |
| 6- 1 |	34329.0 |	1394.6 |	-80.9 |	-26007.5 |	38.0 |	-75.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 2 |	Sx Si |	-783.2 |	0.0 |	0.0 |	783.2 |
| 6- 1 |	|si| 6 |	Tz |	-767.3 |	9.2 |	0.0 |	767.5 |
| 5- 1 |	|si| 9 |	Ty |	-601.6 |	0.0 |	12.3 |	601.9 |
----- PROGR. 145.						
SOLLECITAZIONI :						

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5-1	32166.5	1507.0	-80.2	-25933.2	10.5	-87.1
6-1	32392.0	476.9	-80.9	-26007.5	38.0	-85.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	-770.8	0.0	0.0	770.8
6-1	si	6	Tz	-755.8	9.5	0.0	755.9
5-1	si	9	Ty	-601.7	0.0	13.5	602.2

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	29936.9	1253.5	-80.2	-25933.2	10.5	-97.7
6-1	30199.7	-440.7	-80.9	-26007.5	38.0	-96.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	-757.3	0.0	0.0	757.3
6-1	si	6	Tz	-743.0	9.7	0.0	743.2
5-1	si	9	Ty	-601.9	0.0	14.7	602.4

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	27751.9	-1358.4	-80.9	-26007.5	38.0	-106.8
5-1	27451.9	999.9	-80.2	-25933.2	10.5	-108.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-750.2	0.0	0.0	750.2
6-1	si	6	Tz	-729.1	9.9	0.0	729.3
5-1	si	9	Ty	-602.0	0.0	16.0	602.7

VERIFICA STABILITA` :

L0 = 193.1
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b) = 0.3400 |ki = 0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c) = 0.4900 |ki = 0.7723 |
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -26007.5 |Mzeq = 40182.7 |Myeq = 4487.3 |Ss = -1037.1 (0.396)

P_HEB140_S006 (6) stato limite ultimo - ASTA (640- 642) 1043
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	27766.4	-938.7	0.0	-14179.0	-4.9	-101.5
12-13	5242.8	13608.1	0.0	-3889.9	70.5	5.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-470.1	0.0	0.0	470.1
12-13	si	5	Tz	-76.3	3.1	0.0	76.5
6-1	si	9	Ty	-330.1	0.0	11.8	330.7

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	25189.5	-821.3	0.0	-14179.0	-4.9	-112.1
12-15	5883.7	11814.3	0.0	-4009.2	70.0	-6.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-456.6	0.0	0.0	456.6
12-15	si	6	Tz	-153.7	3.1	0.0	153.8
6-1	si	9	Ty	-330.0	0.0	13.0	330.8

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	22357.2	-704.0	0.0	-14179.0	-4.9	-122.7
12-15	5632.6	10126.5	0.0	-4009.2	70.0	-14.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-442.0	0.0	0.0	442.0
12-15	si	6	Tz	-147.8	3.3	0.0	147.9
6-1	si	9	Ty	-330.0	0.0	14.3	330.9

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19269.5	-586.7	0.0	-14179.0	-4.9	-133.3
12-15	5184.9	8438.8	0.0	-4009.2	70.0	-22.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-426.2	0.0	0.0	426.2
12-15	si	6	Tz	-141.0	3.5	0.0	141.1
6-1	si	9	Ty	-329.9	0.0	15.5	331.0

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15926.4	-469.3	0.0	-14179.0	-4.9	-143.9
12-15	4540.9	6751.0	0.0	-4009.2	70.0	-30.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-409.3	0.0	0.0	409.3
12-15	si	6	Tz	-133.2	3.7	0.0	133.4
6-1	si	9	Ty	-329.8	0.0	16.7	331.1

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12327.9	-352.0	0.0	-14179.0	-4.9	-154.5
12-15	3700.3	5063.3	0.0	-4009.2	70.0	-38.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-391.1	0.0	0.0	391.1
12-15	si	6	Tz	-124.6	3.9	0.0	124.8
6-1	si	9	Ty	-329.7	0.0	17.9	331.2

----- PROGR. 145.

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 8474.0 | -234.7 | 0.0 | -14179.0 | -4.9 | -165.0 |
| 12-15 | 2663.4 | 3375.5 | 0.0 | -4009.2 | 70.0 | -47.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -371.7 | 0.0 | 0.0 | 371.7 |
| 12-15|si| 6| Tz | -115.0 | 4.1 | 0.0 | 115.2 |
| 6- 1|si| 9| Ty | -329.7 | 0.0 | 19.2 | 331.3 |
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 4364.7 | -117.3 | 0.0 | -14179.0 | -4.9 | -175.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -351.2 | 0.0 | 0.0 | 351.2 |
| 6- 1|si| 5| Tz | -350.1 | -4.3 | 0.0 | 350.1 |
| 6- 1|si| 9| Ty | -329.6 | 0.0 | 20.4 | 331.5 |
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -14179.0 | -4.9 | -186.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -329.5 | 0.0 | 0.0 | 329.5 |
| 6- 1|si| 5| Tz | -329.5 | -4.5 | 0.0 | 329.6 |
| 6- 1|si| 9| TySi | -329.5 | 0.0 | 21.6 | 331.6 |
-----
PROGR. 193.

VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -14179.0 |Mzeq = 20824.8 |Myeq = -704.0 |Ss = -534.2 ( 0.204)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 337- 329) 608
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6245.4 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5833.2 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -815.7 | 0.0 | 0.0 | 815.7 |
| 5- 1|si| 6| Tz | -761.9 | 0.0 | 0.0 | 761.9 |
| 5- 1|si| 9| Ty | -761.9 | 0.0 | 0.0 | 761.9 |
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6244.5 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5832.3 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -815.6 | 0.0 | 0.0 | 815.6 |
| 5- 1|si| 6| Tz | -761.8 | 0.0 | 0.0 | 761.8 |
| 5- 1|si| 9| Ty | -761.8 | 0.0 | 0.0 | 761.8 |
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6243.7 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5831.5 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -815.5 | 0.0 | 0.0 | 815.5 |
| 5- 1|si| 6| Tz | -761.7 | 0.0 | 0.0 | 761.7 |
| 5- 1|si| 9| Ty | -761.7 | 0.0 | 0.0 | 761.7 |
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6242.8 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5830.6 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -815.4 | 0.0 | 0.0 | 815.4 |
| 5- 1|si| 6| Tz | -761.6 | 0.0 | 0.0 | 761.6 |
| 5- 1|si| 9| Ty | -761.6 | 0.0 | 0.0 | 761.6 |
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6242.0 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5829.8 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -815.3 | 0.0 | 0.0 | 815.3 |
| 5- 1|si| 6| Tz | -761.4 | 0.0 | 0.0 | 761.4 |
| 5- 1|si| 9| Ty | -761.4 | 0.0 | 0.0 | 761.4 |
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -6241.1 | 0.0 | 0.0 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -5828.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -815.2 | 0.0 | 0.0 | 815.2 |
| 5- 1|si| 6| Tz | -761.3 | 0.0 | 0.0 | 761.3 |
| 5- 1|si| 9| Ty | -761.3 | 0.0 | 0.0 | 761.3 |
-----
PROGR. 66.

SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-6240.2	0.0	0.0		
5-1	0.0	0.0	0.0	-5828.1	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-815.1	0.0	0.0	815.1
5-1	si	6	Tz		-761.2	0.0	0.0	761.2
5-1	si	9	Ty		-761.2	0.0	0.0	761.2
-----							PROGR.	77.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-6239.4	0.0	0.0		
5-1	0.0	0.0	0.0	-5827.2	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-814.9	0.0	0.0	814.9
5-1	si	6	Tz		-761.1	0.0	0.0	761.1
5-1	si	9	Ty		-761.1	0.0	0.0	761.1
-----							PROGR.	88.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-6238.5	0.0	0.0		
5-1	0.0	0.0	0.0	-5826.4	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-814.8	0.0	0.0	814.8
5-1	si	6	Tz		-761.0	0.0	0.0	761.0
5-1	si	9	Ty		-761.0	0.0	0.0	761.0
-----							PROGR.	
VERIFICA STABILITA` :								
L0 = 88.1								
Z	Lc = 88.1	Ro = 3.24	lm = 27.2	Ncr = 214856.6	alfa(a) = 0.2100	ki = 0.9744		
Y	Lc = 88.1	Ro = 1.05	lm = 83.6	Ncr = 22725.8	alfa(b) = 0.3400	ki = 0.6209		
Caso 6-1 - Nodo 4 - Asse Y								
Ned = -6245.4 | Mzeq = 0.0 | Myeq = 0.0 | Ss = -1313.7 (0.502)								
P_IPE80_S008 (8) stato limite ultimo - ASTA (338- 330) 610								
-----							PROGR.	0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-4421.6	0.0	0.0		
5-1	0.0	0.0	0.0	-4038.3	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-577.5	0.0	0.0	577.5
5-1	si	6	Tz		-527.4	0.0	0.0	527.4
5-1	si	9	Ty		-527.4	0.0	0.0	527.4
-----							PROGR.	11.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-4420.8	0.0	0.0		
5-1	0.0	0.0	0.0	-4037.4	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-577.4	0.0	0.0	577.4
5-1	si	6	Tz		-527.3	0.0	0.0	527.3
5-1	si	9	Ty		-527.3	0.0	0.0	527.3
-----							PROGR.	22.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-4419.9	0.0	0.0		
5-1	0.0	0.0	0.0	-4036.6	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-577.3	0.0	0.0	577.3
5-1	si	6	Tz		-527.2	0.0	0.0	527.2
5-1	si	9	Ty		-527.2	0.0	0.0	527.2
-----							PROGR.	33.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-4419.0	0.0	0.0		
5-1	0.0	0.0	0.0	-4035.7	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-577.2	0.0	0.0	577.2
5-1	si	6	Tz		-527.1	0.0	0.0	527.1
5-1	si	9	Ty		-527.1	0.0	0.0	527.1
-----							PROGR.	44.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-4418.2	0.0	0.0		
5-1	0.0	0.0	0.0	-4034.9	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-577.1	0.0	0.0	577.1
5-1	si	6	Tz		-527.0	0.0	0.0	527.0
5-1	si	9	Ty		-527.0	0.0	0.0	527.0
-----							PROGR.	55.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-4417.3	0.0	0.0		
5-1	0.0	0.0	0.0	-4034.0	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-577.0	0.0	0.0	577.0
5-1	si	6	Tz		-526.9	0.0	0.0	526.9
5-1	si	9	Ty		-526.9	0.0	0.0	526.9
-----							PROGR.	66.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -4416.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4033.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -576.8 |      0.0 |      0.0 | 576.8 |
| 5- 1|si| 6|  Tz  | -526.8 |      0.0 |      0.0 | 526.8 |
| 5- 1|si| 9|  Ty  | -526.8 |      0.0 |      0.0 | 526.8 |
----- PROGR. 77.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -4415.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4032.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -576.7 |      0.0 |      0.0 | 576.7 |
| 5- 1|si| 6|  Tz  | -526.7 |      0.0 |      0.0 | 526.7 |
| 5- 1|si| 9|  Ty  | -526.7 |      0.0 |      0.0 | 526.7 |
----- PROGR. 88.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -4414.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4031.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -576.6 |      0.0 |      0.0 | 576.6 |
| 5- 1|si| 6|  Tz  | -526.6 |      0.0 |      0.0 | 526.6 |
| 5- 1|si| 9|  Ty  | -526.6 |      0.0 |      0.0 | 526.6 |
-----

VERIFICA STABILITA` :

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -4421.6|Mzeq = 0.0|Myeq = 0.0|Ss = -930.1 ( 0.355)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 339- 331) 612
----- PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2659.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2273.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | -347.3 |      0.0 |      0.0 | 347.3 |
| 6- 1|si| 6|  Tz  | -347.3 |      0.0 |      0.0 | 347.3 |
| 5- 1|si| 9|  Ty  | -297.0 |      0.0 |      0.0 | 297.0 |
----- PROGR. 11.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2658.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2272.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si | -347.2 |      0.0 |      0.0 | 347.2 |
| 6- 1|si| 6|  Tz  | -347.2 |      0.0 |      0.0 | 347.2 |
| 5- 1|si| 9|  Ty  | -296.8 |      0.0 |      0.0 | 296.8 |
----- PROGR. 22.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2657.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2271.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -347.1 |      0.0 |      0.0 | 347.1 |
| 6- 1|si| 6|  Tz  | -347.1 |      0.0 |      0.0 | 347.1 |
| 5- 1|si| 9|  Ty  | -296.7 |      0.0 |      0.0 | 296.7 |
----- PROGR. 33.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2656.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2271.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -347.0 |      0.0 |      0.0 | 347.0 |
| 6- 1|si| 6|  Tz  | -347.0 |      0.0 |      0.0 | 347.0 |
| 5- 1|si| 9|  Ty  | -296.6 |      0.0 |      0.0 | 296.6 |
----- PROGR. 44.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2655.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2270.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -346.9 |      0.0 |      0.0 | 346.9 |
| 6- 1|si| 6|  Tz  | -346.9 |      0.0 |      0.0 | 346.9 |
| 5- 1|si| 9|  Ty  | -296.5 |      0.0 |      0.0 | 296.5 |
----- PROGR. 55.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2654.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2269.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -346.8 |      0.0 |      0.0 | 346.8 |
| 6- 1|si| 6|  Tz  | -346.8 |      0.0 |      0.0 | 346.8 |
| 5- 1|si| 9|  Ty  | -296.4 |      0.0 |      0.0 | 296.4 |

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Copertura area carburante - Relazione di calcolo

-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	0.0	0.0	0.0	-2654.0	0.0	0.0		
| 5- 1 |	0.0	0.0	0.0	-2268.4	0.0	0.0		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1 |	|si| 4 |Sx	Si	-346.6	0.0	0.0	346.6		
| 6- 1 |	|si| 6 | Tz		-346.6	0.0	0.0	346.6		
| 5- 1 |	|si| 9 | Ty		-296.3	0.0	0.0	296.3		
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	0.0	0.0	0.0	-2653.2	0.0	0.0		
| 5- 1 |	0.0	0.0	0.0	-2267.6	0.0	0.0		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1 |	|si| 4 |Sx	Si	-346.5	0.0	0.0	346.5		
| 6- 1 |	|si| 6 | Tz		-346.5	0.0	0.0	346.5		
| 5- 1 |	|si| 9 | Ty		-296.2	0.0	0.0	296.2		
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	0.0	0.0	0.0	-2652.3	0.0	0.0		
| 5- 1 |	0.0	0.0	0.0	-2266.7	0.0	0.0		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1 |	|si| 4 |Sx	Si	-346.4	0.0	0.0	346.4		
| 6- 1 |	|si| 6 | Tz		-346.4	0.0	0.0	346.4		
| 5- 1 |	|si| 9 | Ty		-296.1	0.0	0.0	296.1		

VERIFICA STABILITA` :								
|L0 = 88. |								
Z |Lc =	88. |Ro =	3.24 |lm =	27.2 |Ncr=	214856.6 |alfa (a)=	0.2100 |ki=	0.9744 |		
Y |Lc =	88. |Ro =	1.05 |lm =	83.6 |Ncr=	22725.8 |alfa (b)=	0.3400 |ki=	0.6209 |		
Caso 6- 1 - Nodo 4 - Asse Y								
Ned = -2659.1 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -559.3 (0.214)								
P_IPE80_S008 (8) stato limite ultimo - ASTA (341- 333)							616	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0	0.0	0.0	-3014.2	0.0	0.0		
| 12-11 |	0.0	0.0	0.0	-297.0	0.0	0.0		
| 6- 1 |	0.0	0.0	0.0	-2627.8	0.0	0.0		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 1 |Sx	Si	-393.7	0.0	0.0	393.7		
| 12-11 |	|si| 6 | Tz		-38.8	0.0	0.0	38.8		
| 6- 1 |	|si| 9 | Ty		-343.2	0.0	0.0	343.2		
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0	0.0	0.0	-3013.3	0.0	0.0		
| 12-11 |	0.0	0.0	0.0	-296.3	0.0	0.0		
| 6- 1 |	0.0	0.0	0.0	-2626.9	0.0	0.0		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 1 |Sx	Si	-393.6	0.0	0.0	393.6		
| 12-11 |	|si| 6 | Tz		-38.7	0.0	0.0	38.7		
| 6- 1 |	|si| 9 | Ty		-343.1	0.0	0.0	343.1		
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0	0.0	0.0	-3012.5	0.0	0.0		
| 12-11 |	0.0	0.0	0.0	-295.7	0.0	0.0		
| 6- 1 |	0.0	0.0	0.0	-2626.0	0.0	0.0		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 2 |Sx	Si	-393.5	0.0	0.0	393.5		
| 12-11 |	|si| 6 | Tz		-38.6	0.0	0.0	38.6		
| 6- 1 |	|si| 9 | Ty		-343.0	0.0	0.0	343.0		
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0	0.0	0.0	-3011.6	0.0	0.0		
| 12-11 |	0.0	0.0	0.0	-295.0	0.0	0.0		
| 6- 1 |	0.0	0.0	0.0	-2625.2	0.0	0.0		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 2 |Sx	Si	-393.4	0.0	0.0	393.4		
| 12-11 |	|si| 6 | Tz		-38.5	0.0	0.0	38.5		
| 6- 1 |	|si| 9 | Ty		-342.9	0.0	0.0	342.9		
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0	0.0	0.0	-3010.8	0.0	0.0		
| 12-11 |	0.0	0.0	0.0	-294.4	0.0	0.0		
| 6- 1 |	0.0	0.0	0.0	-2624.3	0.0	0.0		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 2 |Sx	Si	-393.2	0.0	0.0	393.2		
| 12-11 |	|si| 6 | Tz		-38.4	0.0	0.0	38.4		
| 6- 1 |	|si| 9 | Ty		-342.8	0.0	0.0	342.8		
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0	0.0	0.0	-3009.9	0.0	0.0		

Copertura area carburante - Relazione di calcolo

| 12-11|	0.0|	0.0|	0.0|	-293.7|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2623.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-393.1|	0.0|	0.0|	393.1|
| 12-11|si| 6| Tz |		-38.4|	0.0|	0.0|	38.4|
| 6- 1|si| 9| Ty |		-342.7|	0.0|	0.0|	342.7|

----- PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3009.1|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-293.1|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2622.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-393.0|	0.0|	0.0|	393.0|
| 12-11|si| 6| Tz |		-38.3|	0.0|	0.0|	38.3|
| 6- 1|si| 9| Ty |		-342.5|	0.0|	0.0|	342.5|

----- PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3008.2|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-292.4|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2621.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-392.9|	0.0|	0.0|	392.9|
| 12-11|si| 6| Tz |		-38.2|	0.0|	0.0|	38.2|
| 6- 1|si| 9| Ty |		-342.4|	0.0|	0.0|	342.4|

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3007.4|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-291.8|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-2620.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-392.8|	0.0|	0.0|	392.8|
| 12-11|si| 6| Tz |		-38.1|	0.0|	0.0|	38.1|
| 6- 1|si| 9| Ty |		-342.3|	0.0|	0.0|	342.3|

VERIFICA STABILITA' :

|L0 = 88.1
 Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -3014.2|Mzeq = 0.0|Myeq = 0.0|Ss = -634.0 (0.242)

P_IPE80_S008 (8) stato limite ultimo - ASTA (342- 334) 618
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-4771.6|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4386.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si|	-623.2|	0.0|	0.0|	623.2|
| 6- 1|si| 6| Tz |		-572.9|	0.0|	0.0|	572.9|
| 6- 1|si| 9| Ty |		-572.9|	0.0|	0.0|	572.9|

----- PROGR. 11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-4770.8|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4385.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si|	-623.1|	0.0|	0.0|	623.1|
| 6- 1|si| 6| Tz |		-572.8|	0.0|	0.0|	572.8|
| 6- 1|si| 9| Ty |		-572.8|	0.0|	0.0|	572.8|

----- PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-4769.9|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4384.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-623.0|	0.0|	0.0|	623.0|
| 6- 1|si| 6| Tz |		-572.7|	0.0|	0.0|	572.7|
| 6- 1|si| 9| Ty |		-572.7|	0.0|	0.0|	572.7|

----- PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-4769.1|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4383.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-622.9|	0.0|	0.0|	622.9|
| 6- 1|si| 6| Tz |		-572.6|	0.0|	0.0|	572.6|
| 6- 1|si| 9| Ty |		-572.6|	0.0|	0.0|	572.6|

----- PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-4768.2|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-4382.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-622.8|	0.0|	0.0|	622.8|
| 6- 1|si| 6| Tz |		-572.4|	0.0|	0.0|	572.4|

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	-572.4|	0.0|	0.0|	572.4|		

PROGR. 55.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-4767.3|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-4382.0|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-622.7|	0.0|	0.0|	622.7|		
| 6- 1|si| 6|	Tz	-572.3|	0.0|	0.0|	572.3|		
| 6- 1|si| 9|	Ty	-572.3|	0.0|	0.0|	572.3|		

PROGR. 66.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-4766.5|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-4381.1|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-622.6|	0.0|	0.0|	622.6|		
| 6- 1|si| 6|	Tz	-572.2|	0.0|	0.0|	572.2|		
| 6- 1|si| 9|	Ty	-572.2|	0.0|	0.0|	572.2|		

PROGR. 77.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-4765.6|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-4380.3|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-622.5|	0.0|	0.0|	622.5|		
| 6- 1|si| 6|	Tz	-572.1|	0.0|	0.0|	572.1|		
| 6- 1|si| 9|	Ty	-572.1|	0.0|	0.0|	572.1|		

PROGR. 88.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-4764.8|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-4379.4|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-622.3|	0.0|	0.0|	622.3|		
| 6- 1|si| 6|	Tz	-572.0|	0.0|	0.0|	572.0|		
| 6- 1|si| 9|	Ty	-572.0|	0.0|	0.0|	572.0|		

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -4771.6|Mzeq = 0.0|Myeq = 0.0|Ss = -1003.7 (0.383)

P_IPE80_s008 (8) stato limite ultimo - ASTA (343- 335) 620

 PROGR. 0.

SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-6629.2|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-6215.1|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-865.9|	0.0|	0.0|	865.9|		
| 6- 1|si| 6|	Tz	-811.8|	0.0|	0.0|	811.8|		
| 6- 1|si| 9|	Ty	-811.8|	0.0|	0.0|	811.8|		

PROGR. 11.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-6628.4|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-6214.2|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-865.7|	0.0|	0.0|	865.7|		
| 6- 1|si| 6|	Tz	-811.7|	0.0|	0.0|	811.7|		
| 6- 1|si| 9|	Ty	-811.7|	0.0|	0.0|	811.7|		

PROGR. 22.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-6627.5|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-6213.4|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-865.6|	0.0|	0.0|	865.6|		
| 6- 1|si| 6|	Tz	-811.5|	0.0|	0.0|	811.5|		
| 6- 1|si| 9|	Ty	-811.5|	0.0|	0.0|	811.5|		

PROGR. 33.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-6626.7|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-6212.5|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-865.5|	0.0|	0.0|	865.5|		
| 6- 1|si| 6|	Tz	-811.4|	0.0|	0.0|	811.4|		
| 6- 1|si| 9|	Ty	-811.4|	0.0|	0.0|	811.4|		

PROGR. 44.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	-6625.8|	0.0|	0.0|	
| 6- 1|	0.0|	0.0|	0.0|	-6211.7|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-865.4|	0.0|	0.0|	865.4|		

Copertura area carburante - Relazione di calcolo

| 6-1|si| 6|	Tz	|	-811.3|	0.0|	0.0|	811.3|			
| 6-1|si| 9|	Ty	|	-811.3|	0.0|	0.0|	811.3|			
-----							PROGR.	55.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5-1|	0.0|		0.0|		0.0|		-6625.0|		
| 6-1|	0.0|		0.0|		0.0|		-6210.8|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5-1|si| 2|	Sx	Si	|	-865.3|		0.0|		0.0|	
| 6-1|si| 6|	Tz	|	-811.2|		0.0|		0.0|	811.2|	
| 6-1|si| 9|	Ty	|	-811.2|		0.0|		0.0|	811.2|	
-----							PROGR.	66.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5-1|	0.0|		0.0|		0.0|		-6624.1|		
| 6-1|	0.0|		0.0|		0.0|		-6210.0|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5-1|si| 2|	Sx	Si	|	-865.2|		0.0|		0.0|	
| 6-1|si| 6|	Tz	|	-811.1|		0.0|		0.0|	811.1|	
| 6-1|si| 9|	Ty	|	-811.1|		0.0|		0.0|	811.1|	
-----							PROGR.	77.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5-1|	0.0|		0.0|		0.0|		-6623.3|		
| 6-1|	0.0|		0.0|		0.0|		-6209.1|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5-1|si| 2|	Sx	Si	|	-865.1|		0.0|		0.0|	
| 6-1|si| 6|	Tz	|	-811.0|		0.0|		0.0|	811.0|	
| 6-1|si| 9|	Ty	|	-811.0|		0.0|		0.0|	811.0|	
-----							PROGR.	88.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5-1|	0.0|		0.0|		0.0|		-6622.4|		
| 6-1|	0.0|		0.0|		0.0|		-6208.2|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5-1|si| 2|	Sx	Si	|	-865.0|		0.0|		0.0|	
| 6-1|si| 6|	Tz	|	-810.9|		0.0|		0.0|	810.9|	
| 6-1|si| 9|	Ty	|	-810.9|		0.0|		0.0|	810.9|	

VERIFICA STABILITA` :									
|L0 = 88. |									
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|									
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|									
Caso 5-1 - Nodo 2 - Asse Y									
Ned = -6629.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1394.4 (0.532)									
-----							PROGR.	975	
P_IPE80_S008 (8)	stato limite ultimo - ASTA (604- 578)							975	0.
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6-1|	0.0|		0.0|		0.0|		-7265.6|		
| 5-1|	0.0|		0.0|		0.0|		-7216.4|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 6-1|si| 1|	Sx	Si	|	-949.0|		0.0|		0.0|	
| 6-1|si| 6|	Tz	|	-949.0|		0.0|		0.0|	949.0|	
| 5-1|si| 9|	Ty	|	-942.5|		0.0|		0.0|	942.5|	
-----							PROGR.	11.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6-1|	0.0|		0.0|		0.0|		-7264.7|		
| 5-1|	0.0|		0.0|		0.0|		-7215.5|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 6-1|si| 3|	Sx	Si	|	-948.9|		0.0|		0.0|	
| 6-1|si| 6|	Tz	|	-948.9|		0.0|		0.0|	948.9|	
| 5-1|si| 9|	Ty	|	-942.4|		0.0|		0.0|	942.4|	
-----							PROGR.	22.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6-1|	0.0|		0.0|		0.0|		-7263.9|		
| 5-1|	0.0|		0.0|		0.0|		-7214.7|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 6-1|si| 3|	Sx	Si	|	-948.7|		0.0|		0.0|	
| 6-1|si| 6|	Tz	|	-948.7|		0.0|		0.0|	948.7|	
| 5-1|si| 9|	Ty	|	-942.3|		0.0|		0.0|	942.3|	
-----							PROGR.	33.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6-1|	0.0|		0.0|		0.0|		-7263.0|		
| 5-1|	0.0|		0.0|		0.0|		-7213.8|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 6-1|si| 4|	Sx	Si	|	-948.6|		0.0|		0.0|	
| 6-1|si| 6|	Tz	|	-948.6|		0.0|		0.0|	948.6|	
| 5-1|si| 9|	Ty	|	-942.2|		0.0|		0.0|	942.2|	
-----							PROGR.	44.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6-1|	0.0|		0.0|		0.0|		-7262.2|		
| 5-1|	0.0|		0.0|		0.0|		-7213.0|		
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 6-1|si| 6|	Sx	|							
| 6-1|si| 6|	Tz	|							
| 5-1|si| 9|	Ty	|							

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 4|Sx	Si	-948.5|	0.0|	0.0|	948.5|			
| 6- 1|si| 6| Tz		-948.5|	0.0|	0.0|	948.5|			
| 5- 1|si| 9| Ty		-942.1|	0.0|	0.0|	942.1|			
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-7261.3|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-7212.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-948.4|	0.0|	0.0|	948.4|			
| 6- 1|si| 6| Tz		-948.4|	0.0|	0.0|	948.4|			
| 5- 1|si| 9| Ty		-942.0|	0.0|	0.0|	942.0|			
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-7260.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-7211.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-948.3|	0.0|	0.0|	948.3|			
| 6- 1|si| 6| Tz		-948.3|	0.0|	0.0|	948.3|			
| 5- 1|si| 9| Ty		-941.9|	0.0|	0.0|	941.9|			
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-7259.6|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-7210.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-948.2|	0.0|	0.0|	948.2|			
| 6- 1|si| 6| Tz		-948.2|	0.0|	0.0|	948.2|			
| 5- 1|si| 9| Ty		-941.8|	0.0|	0.0|	941.8|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-7258.8|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-7209.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-948.1|	0.0|	0.0|	948.1|			
| 6- 1|si| 6| Tz		-948.1|	0.0|	0.0|	948.1|			
| 5- 1|si| 9| Ty		-941.7|	0.0|	0.0|	941.7|			

VERIFICA STABILITA` :								
|L0 = 88. |								
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|								
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|								
Caso 6- 1 - Nodo 4 - Asse Y								
Ned = -7265.6|Mzeq = 0.0|Myeq = 0.0|Ss = -1528.3 (0.584)								
P_IPE80_S008 (8) stato limite ultimo - ASTA (605- 581) 981								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-5072.1|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-5022.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-662.5|	0.0|	0.0|	662.5|			
| 5- 1|si| 6| Tz		-656.0|	0.0|	0.0|	656.0|			
| 5- 1|si| 9| Ty		-656.0|	0.0|	0.0|	656.0|			
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-5071.2|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-5021.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	-662.4|	0.0|	0.0|	662.4|			
| 5- 1|si| 6| Tz		-655.9|	0.0|	0.0|	655.9|			
| 5- 1|si| 9| Ty		-655.9|	0.0|	0.0|	655.9|			
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-5070.4|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-5020.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-662.3|	0.0|	0.0|	662.3|			
| 5- 1|si| 6| Tz		-655.8|	0.0|	0.0|	655.8|			
| 5- 1|si| 9| Ty		-655.8|	0.0|	0.0|	655.8|			
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-5069.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-5019.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 4|Sx	Si	-662.1|	0.0|	0.0|	662.1|			
| 5- 1|si| 6| Tz		-655.7|	0.0|	0.0|	655.7|			
| 5- 1|si| 9| Ty		-655.7|	0.0|	0.0|	655.7|			
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-5068.7|	0.0|	0.0|		
5- 1	0.0	0.0	0.0	-5019.0	0.0	0.0		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -662.0| 0.0| 0.0| 662.0|
| 5- 1|si| 6| Tz | -655.5| 0.0| 0.0| 655.5|
| 5- 1|si| 9| Ty | -655.5| 0.0| 0.0| 655.5|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5067.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -5018.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -661.9| 0.0| 0.0| 661.9|
| 5- 1|si| 6| Tz | -655.4| 0.0| 0.0| 655.4|
| 5- 1|si| 9| Ty | -655.4| 0.0| 0.0| 655.4|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5067.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -5017.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -661.8| 0.0| 0.0| 661.8|
| 5- 1|si| 6| Tz | -655.3| 0.0| 0.0| 655.3|
| 5- 1|si| 9| Ty | -655.3| 0.0| 0.0| 655.3|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5066.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -5016.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -661.7| 0.0| 0.0| 661.7|
| 5- 1|si| 6| Tz | -655.2| 0.0| 0.0| 655.2|
| 5- 1|si| 9| Ty | -655.2| 0.0| 0.0| 655.2|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5065.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -5015.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -661.6| 0.0| 0.0| 661.6|
| 5- 1|si| 6| Tz | -655.1| 0.0| 0.0| 655.1|
| 5- 1|si| 9| Ty | -655.1| 0.0| 0.0| 655.1|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -5072.1|Mzeq = 0.0|Myeq = 0.0|Ss = -1066.9 ( 0.407)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 608- 584) 987
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2905.5| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -553.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2849.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -379.5| 0.0| 0.0| 379.5|
| 12- 1|si| 6| Tz | -72.3| 0.0| 0.0| 72.3|
| 5- 1|si| 9| Ty | -372.2| 0.0| 0.0| 372.2|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2904.6| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -552.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2848.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -379.4| 0.0| 0.0| 379.4|
| 12- 1|si| 6| Tz | -72.2| 0.0| 0.0| 72.2|
| 5- 1|si| 9| Ty | -372.0| 0.0| 0.0| 372.0|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2903.8| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -552.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2847.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -379.3| 0.0| 0.0| 379.3|
| 12- 1|si| 6| Tz | -72.1| 0.0| 0.0| 72.1|
| 5- 1|si| 9| Ty | -371.9| 0.0| 0.0| 371.9|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2902.9| 0.0| 0.0|
| 12- 1| 0.0| 0.0| 0.0| -551.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2846.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -379.2| 0.0| 0.0| 379.2|
| 12- 1|si| 6| Tz | -72.0| 0.0| 0.0| 72.0|
| 5- 1|si| 9| Ty | -371.8| 0.0| 0.0| 371.8|
-----
PROGR. 44.

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Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2902.1 |      0.0 |      0.0 |
| 12- 1 |      0.0 |      0.0 |      0.0 | -550.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2845.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -379.0 |      0.0 |      0.0 | 379.0 |
| 12- 1|si| 6|  Tz |      -72.0 |      0.0 |      0.0 | 72.0 |
| 5- 1|si| 9|  Ty |      -371.7 |      0.0 |      0.0 | 371.7 |
-----
PROGR. 55.

SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2901.2 |      0.0 |      0.0 |
| 12- 1 |      0.0 |      0.0 |      0.0 | -550.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2845.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -378.9 |      0.0 |      0.0 | 378.9 |
| 12- 1|si| 6|  Tz |      -71.9 |      0.0 |      0.0 | 71.9 |
| 5- 1|si| 9|  Ty |      -371.6 |      0.0 |      0.0 | 371.6 |
-----
PROGR. 66.

SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2900.4 |      0.0 |      0.0 |
| 12- 1 |      0.0 |      0.0 |      0.0 | -549.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2844.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -378.8 |      0.0 |      0.0 | 378.8 |
| 12- 1|si| 6|  Tz |      -71.8 |      0.0 |      0.0 | 71.8 |
| 5- 1|si| 9|  Ty |      -371.5 |      0.0 |      0.0 | 371.5 |
-----
PROGR. 77.

SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2899.5 |      0.0 |      0.0 |
| 12- 1 |      0.0 |      0.0 |      0.0 | -548.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2843.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -378.7 |      0.0 |      0.0 | 378.7 |
| 12- 1|si| 6|  Tz |      -71.7 |      0.0 |      0.0 | 71.7 |
| 5- 1|si| 9|  Ty |      -371.4 |      0.0 |      0.0 | 371.4 |
-----
PROGR. 88.

SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2898.7 |      0.0 |      0.0 |
| 12- 1 |      0.0 |      0.0 |      0.0 | -548.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2842.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -378.6 |      0.0 |      0.0 | 378.6 |
| 12- 1|si| 6|  Tz |      -71.6 |      0.0 |      0.0 | 71.6 |
| 5- 1|si| 9|  Ty |      -371.3 |      0.0 |      0.0 | 371.3 |
-----
PROGR. 88.

VERIFICA STABILITA' :
|L0 = 88.1
Z |Lc = 88.1Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -2905.5|Mzeq = 0.0|Myeq = 0.0|Ss = -611.2 ( 0.233)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 614- 590) 999
-----
PROGR. 0.

SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3481.3 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3423.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -454.7 |      0.0 |      0.0 | 454.7 |
| 6- 1|si| 6|  Tz |      -447.1 |      0.0 |      0.0 | 447.1 |
| 6- 1|si| 9|  Ty |      -447.1 |      0.0 |      0.0 | 447.1 |
-----
PROGR. 11.

SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3480.5 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3422.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -454.6 |      0.0 |      0.0 | 454.6 |
| 6- 1|si| 6|  Tz |      -447.0 |      0.0 |      0.0 | 447.0 |
| 6- 1|si| 9|  Ty |      -447.0 |      0.0 |      0.0 | 447.0 |
-----
PROGR. 22.

SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3479.6 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3421.4 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -454.5 |      0.0 |      0.0 | 454.5 |
| 6- 1|si| 6|  Tz |      -446.9 |      0.0 |      0.0 | 446.9 |
| 6- 1|si| 9|  Ty |      -446.9 |      0.0 |      0.0 | 446.9 |
-----
PROGR. 33.

SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3478.8 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3420.6 |      0.0 |      0.0 |

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -454.4| 0.0| 0.0| 454.4|
| 6- 1|si| 6| Tz | -446.8| 0.0| 0.0| 446.8|
| 6- 1|si| 9| Ty | -446.8| 0.0| 0.0| 446.8|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3477.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3419.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -454.3| 0.0| 0.0| 454.3|
| 6- 1|si| 6| Tz | -446.7| 0.0| 0.0| 446.7|
| 6- 1|si| 9| Ty | -446.7| 0.0| 0.0| 446.7|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3477.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3418.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -454.1| 0.0| 0.0| 454.1|
| 6- 1|si| 6| Tz | -446.5| 0.0| 0.0| 446.5|
| 6- 1|si| 9| Ty | -446.5| 0.0| 0.0| 446.5|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3476.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3418.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -454.0| 0.0| 0.0| 454.0|
| 6- 1|si| 6| Tz | -446.4| 0.0| 0.0| 446.4|
| 6- 1|si| 9| Ty | -446.4| 0.0| 0.0| 446.4|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3475.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3417.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -453.9| 0.0| 0.0| 453.9|
| 6- 1|si| 6| Tz | -446.3| 0.0| 0.0| 446.3|
| 6- 1|si| 9| Ty | -446.3| 0.0| 0.0| 446.3|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -3474.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -3416.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -453.8| 0.0| 0.0| 453.8|
| 6- 1|si| 6| Tz | -446.2| 0.0| 0.0| 446.2|
| 6- 1|si| 9| Ty | -446.2| 0.0| 0.0| 446.2|
-----
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -3481.3|Mzeq = 0.0|Myeq = 0.0|Ss = -732.3 ( 0.280)

P_IPE80_s008 ( 8) stato limite ultimo - ASTA ( 617- 593) 1005
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5674.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5614.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -741.2| 0.0| 0.0| 741.2|
| 6- 1|si| 6| Tz | -733.4| 0.0| 0.0| 733.4|
| 6- 1|si| 9| Ty | -733.4| 0.0| 0.0| 733.4|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5673.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5613.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -741.1| 0.0| 0.0| 741.1|
| 6- 1|si| 6| Tz | -733.2| 0.0| 0.0| 733.2|
| 6- 1|si| 9| Ty | -733.2| 0.0| 0.0| 733.2|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5672.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5613.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -740.9| 0.0| 0.0| 740.9|
| 6- 1|si| 6| Tz | -733.1| 0.0| 0.0| 733.1|
| 6- 1|si| 9| Ty | -733.1| 0.0| 0.0| 733.1|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5672.0| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```

| 6- 1|      0.0|      0.0|      0.0| -5612.2|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -740.8|      0.0|      0.0|      740.8|
| 6- 1|si| 6|  Tz | -733.0|      0.0|      0.0|      733.0|
| 6- 1|si| 9|  Ty | -733.0|      0.0|      0.0|      733.0|
----- PROGR. 44.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -5671.1|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -5611.4|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -740.7|      0.0|      0.0|      740.7|
| 6- 1|si| 6|  Tz | -732.9|      0.0|      0.0|      732.9|
| 6- 1|si| 9|  Ty | -732.9|      0.0|      0.0|      732.9|
----- PROGR. 55.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -5670.3|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -5610.5|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -740.6|      0.0|      0.0|      740.6|
| 6- 1|si| 6|  Tz | -732.8|      0.0|      0.0|      732.8|
| 6- 1|si| 9|  Ty | -732.8|      0.0|      0.0|      732.8|
----- PROGR. 66.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -5669.4|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -5609.7|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -740.5|      0.0|      0.0|      740.5|
| 6- 1|si| 6|  Tz | -732.7|      0.0|      0.0|      732.7|
| 6- 1|si| 9|  Ty | -732.7|      0.0|      0.0|      732.7|
----- PROGR. 77.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -5668.6|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -5608.8|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -740.4|      0.0|      0.0|      740.4|
| 6- 1|si| 6|  Tz | -732.6|      0.0|      0.0|      732.6|
| 6- 1|si| 9|  Ty | -732.6|      0.0|      0.0|      732.6|
----- PROGR. 88.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -5667.7|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -5607.9|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -740.3|      0.0|      0.0|      740.3|
| 6- 1|si| 6|  Tz | -732.5|      0.0|      0.0|      732.5|
| 6- 1|si| 9|  Ty | -732.5|      0.0|      0.0|      732.5|
-----
VERIFICA STABILITA' :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -5674.6|Mzeq = 0.0|Myeq = 0.0|Ss = -1193.6 ( 0.456)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 620- 596) 1011
----- PROGR. 0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -7824.8|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -7772.2|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -1022.0|      0.0|      0.0|      1022.0|
| 5- 1|si| 6|  Tz | -1022.0|      0.0|      0.0|      1022.0|
| 6- 1|si| 9|  Ty | -1015.1|      0.0|      0.0|      1015.1|
----- PROGR. 11.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -7824.0|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -7771.4|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -1021.9|      0.0|      0.0|      1021.9|
| 5- 1|si| 6|  Tz | -1021.9|      0.0|      0.0|      1021.9|
| 6- 1|si| 9|  Ty | -1015.0|      0.0|      0.0|      1015.0|
----- PROGR. 22.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -7823.1|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -7770.5|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -1021.8|      0.0|      0.0|      1021.8|
| 5- 1|si| 6|  Tz | -1021.8|      0.0|      0.0|      1021.8|
| 6- 1|si| 9|  Ty | -1014.9|      0.0|      0.0|      1014.9|
----- PROGR. 33.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |

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Copertura area carburante - Relazione di calcolo

5- 1	0.0	0.0	0.0	-7822.3	0.0	0.0
6- 1	0.0	0.0	0.0	-7769.7	0.0	0.0

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-1021.7|	0.0|	0.0|	1021.7|
| 5- 1|si| 6| Tz |		-1021.7|	0.0|	0.0|	1021.7|
| 6- 1|si| 9| Ty |		-1014.8|	0.0|	0.0|	1014.8|

----- PROGR.

44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7821.4|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-7768.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-1021.6|	0.0|	0.0|	1021.6|
| 5- 1|si| 6| Tz |		-1021.6|	0.0|	0.0|	1021.6|
| 6- 1|si| 9| Ty |		-1014.7|	0.0|	0.0|	1014.7|

----- PROGR.

55.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7820.5|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-7767.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-1021.5|	0.0|	0.0|	1021.5|
| 5- 1|si| 6| Tz |		-1021.5|	0.0|	0.0|	1021.5|
| 6- 1|si| 9| Ty |		-1014.6|	0.0|	0.0|	1014.6|

----- PROGR.

66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7819.7|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-7767.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-1021.3|	0.0|	0.0|	1021.3|
| 5- 1|si| 6| Tz |		-1021.3|	0.0|	0.0|	1021.3|
| 6- 1|si| 9| Ty |		-1014.5|	0.0|	0.0|	1014.5|

----- PROGR.

77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7818.8|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-7766.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-1021.2|	0.0|	0.0|	1021.2|
| 5- 1|si| 6| Tz |		-1021.2|	0.0|	0.0|	1021.2|
| 6- 1|si| 9| Ty |		-1014.4|	0.0|	0.0|	1014.4|

----- PROGR.

88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7818.0|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-7765.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-1021.1|	0.0|	0.0|	1021.1|
| 5- 1|si| 6| Tz |		-1021.1|	0.0|	0.0|	1021.1|
| 6- 1|si| 9| Ty |		-1014.3|	0.0|	0.0|	1014.3|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -7824.8|Mzeq = 0.0|Myeq = 0.0|Ss = -1645.9 (0.628)

P_IPE80_S008 (8) stato limite ultimo - ASTA (644- 628) 1057

----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-7972.0|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-7913.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-1041.2|	0.0|	0.0|	1041.2|
| 6- 1|si| 6| Tz |		-1041.2|	0.0|	0.0|	1041.2|
| 5- 1|si| 9| Ty |		-1033.6|	0.0|	0.0|	1033.6|

----- PROGR.

11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-7971.1|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-7912.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	-1041.1|	0.0|	0.0|	1041.1|
| 6- 1|si| 6| Tz |		-1041.1|	0.0|	0.0|	1041.1|
| 5- 1|si| 9| Ty |		-1033.5|	0.0|	0.0|	1033.5|

----- PROGR.

22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-7970.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-7911.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	-1041.0|	0.0|	0.0|	1041.0|
| 6- 1|si| 6| Tz |		-1041.0|	0.0|	0.0|	1041.0|
| 5- 1|si| 9| Ty |		-1033.4|	0.0|	0.0|	1033.4|

----- PROGR.

33.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-7969.4	0.0	0.0
5-1	0.0	0.0	0.0	-7910.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-1040.9	0.0	0.0	1040.9
6-1	si	6	Tz		-1040.9	0.0	0.0	1040.9
5-1	si	9	Ty		-1033.2	0.0	0.0	1033.2

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-7968.5	0.0	0.0
5-1	0.0	0.0	0.0	-7909.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-1040.8	0.0	0.0	1040.8
6-1	si	6	Tz		-1040.8	0.0	0.0	1040.8
5-1	si	9	Ty		-1033.1	0.0	0.0	1033.1

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-7967.7	0.0	0.0
5-1	0.0	0.0	0.0	-7909.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-1040.7	0.0	0.0	1040.7
6-1	si	6	Tz		-1040.7	0.0	0.0	1040.7
5-1	si	9	Ty		-1033.0	0.0	0.0	1033.0

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-7966.8	0.0	0.0
5-1	0.0	0.0	0.0	-7908.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-1040.6	0.0	0.0	1040.6
6-1	si	6	Tz		-1040.6	0.0	0.0	1040.6
5-1	si	9	Ty		-1032.9	0.0	0.0	1032.9

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-7966.0	0.0	0.0
5-1	0.0	0.0	0.0	-7907.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-1040.5	0.0	0.0	1040.5
6-1	si	6	Tz		-1040.5	0.0	0.0	1040.5
5-1	si	9	Ty		-1032.8	0.0	0.0	1032.8

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-7965.1	0.0	0.0
5-1	0.0	0.0	0.0	-7906.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-1040.3	0.0	0.0	1040.3
6-1	si	6	Tz		-1040.3	0.0	0.0	1040.3
5-1	si	9	Ty		-1032.7	0.0	0.0	1032.7

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6-1 - Nodo 4 - Asse Y
 Ned = -7972.0 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1676.8 (0.640)

P_IPE80_S008 (8) stato limite ultimo - ASTA (645- 630) 1061
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5787.0	0.0	0.0
5-1	0.0	0.0	0.0	-5724.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-755.9	0.0	0.0	755.9
5-1	si	6	Tz		-747.7	0.0	0.0	747.7
5-1	si	9	Ty		-747.7	0.0	0.0	747.7

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5786.1	0.0	0.0
5-1	0.0	0.0	0.0	-5723.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-755.7	0.0	0.0	755.7
5-1	si	6	Tz		-747.6	0.0	0.0	747.6
5-1	si	9	Ty		-747.6	0.0	0.0	747.6

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5785.3	0.0	0.0
5-1	0.0	0.0	0.0	-5722.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-755.6	0.0	0.0	755.6
5-1	si	6	Tz		-747.4	0.0	0.0	747.4
5-1	si	9	Ty		-747.4	0.0	0.0	747.4

----- PROGR. 33.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5784.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5721.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -755.5 |      0.0 |      0.0 | 755.5 |
| 5- 1|si| 6|  Tz  | -747.3 |      0.0 |      0.0 | 747.3 |
| 5- 1|si| 9|  Ty  | -747.3 |      0.0 |      0.0 | 747.3 |
----- PROGR. 44.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5783.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5720.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -755.4 |      0.0 |      0.0 | 755.4 |
| 5- 1|si| 6|  Tz  | -747.2 |      0.0 |      0.0 | 747.2 |
| 5- 1|si| 9|  Ty  | -747.2 |      0.0 |      0.0 | 747.2 |
----- PROGR. 55.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5782.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5720.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -755.3 |      0.0 |      0.0 | 755.3 |
| 5- 1|si| 6|  Tz  | -747.1 |      0.0 |      0.0 | 747.1 |
| 5- 1|si| 9|  Ty  | -747.1 |      0.0 |      0.0 | 747.1 |
----- PROGR. 66.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5781.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5719.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -755.2 |      0.0 |      0.0 | 755.2 |
| 5- 1|si| 6|  Tz  | -747.0 |      0.0 |      0.0 | 747.0 |
| 5- 1|si| 9|  Ty  | -747.0 |      0.0 |      0.0 | 747.0 |
----- PROGR. 77.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5781.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5718.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -755.1 |      0.0 |      0.0 | 755.1 |
| 5- 1|si| 6|  Tz  | -746.9 |      0.0 |      0.0 | 746.9 |
| 5- 1|si| 9|  Ty  | -746.9 |      0.0 |      0.0 | 746.9 |
----- PROGR. 88.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5780.2 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5717.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -755.0 |      0.0 |      0.0 | 755.0 |
| 5- 1|si| 6|  Tz  | -746.8 |      0.0 |      0.0 | 746.8 |
| 5- 1|si| 9|  Ty  | -746.8 |      0.0 |      0.0 | 746.8 |
----- PROGR. 88.

VERIFICA STABILITA` :

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -5787.0 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1217.3 ( 0.465)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 648- 632) 1065
----- PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3529.5 |      0.0 |      0.0 |
| 12- 1 |      0.0 |      0.0 |      0.0 | -652.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3471.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | -461.0 |      0.0 |      0.0 | 461.0 |
| 12- 1|si| 6|  Tz  | -85.2 |      0.0 |      0.0 | 85.2 |
| 5- 1|si| 9|  Ty  | -453.4 |      0.0 |      0.0 | 453.4 |
----- PROGR. 11.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3528.6 |      0.0 |      0.0 |
| 12- 1 |      0.0 |      0.0 |      0.0 | -652.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3470.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si | -460.9 |      0.0 |      0.0 | 460.9 |
| 12- 1|si| 6|  Tz  | -85.2 |      0.0 |      0.0 | 85.2 |
| 5- 1|si| 9|  Ty  | -453.3 |      0.0 |      0.0 | 453.3 |
----- PROGR. 22.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -3527.8 |      0.0 |      0.0 |
| 12- 1 |      0.0 |      0.0 |      0.0 | -651.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3469.4 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |

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Copertura area carburante - Relazione di calcolo

6- 1 si 4 Sx	Si	-460.8	0.0	0.0	460.8
| 12- 1|si| 6| Tz		-85.1|	0.0|	0.0|	85.1|
| 5- 1|si| 9| Ty		-453.1|	0.0|	0.0|	453.1|

PROGR.

33.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-3526.9|	0.0|	0.0|
| 12- 1|	0.0|	0.0|	0.0|	-650.7|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3468.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	Si	-460.7|	0.0|	460.7|
| 12- 1|si| 6| Tz		-85.0|	0.0|	85.0|
| 5- 1|si| 9| Ty		-453.0|	0.0|	453.0|

PROGR.

44.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-3526.1|	0.0|	0.0|
| 12- 1|	0.0|	0.0|	0.0|	-650.0|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3467.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	Si	-460.5|	0.0|	460.5|
| 12- 1|si| 6| Tz		-84.9|	0.0|	84.9|
| 5- 1|si| 9| Ty		-452.9|	0.0|	452.9|

PROGR.

55.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-3525.2|	0.0|	0.0|
| 12- 1|	0.0|	0.0|	0.0|	-649.4|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3466.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	Si	-460.4|	0.0|	460.4|
| 12- 1|si| 6| Tz		-84.8|	0.0|	84.8|
| 5- 1|si| 9| Ty		-452.8|	0.0|	452.8|

PROGR.

66.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-3524.4|	0.0|	0.0|
| 12- 1|	0.0|	0.0|	0.0|	-648.7|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3466.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	Si	-460.3|	0.0|	460.3|
| 12- 1|si| 6| Tz		-84.7|	0.0|	84.7|
| 5- 1|si| 9| Ty		-452.7|	0.0|	452.7|

PROGR.

77.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-3523.5|	0.0|	0.0|
| 12- 1|	0.0|	0.0|	0.0|	-648.1|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3465.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	Si	-460.2|	0.0|	460.2|
| 12- 1|si| 6| Tz		-84.6|	0.0|	84.6|
| 5- 1|si| 9| Ty		-452.6|	0.0|	452.6|

PROGR.

88.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-3522.6|	0.0|	0.0|
| 12- 1|	0.0|	0.0|	0.0|	-647.4|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3464.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	Si	-460.1|	0.0|	460.1|
| 12- 1|si| 6| Tz		-84.6|	0.0|	84.6|
| 5- 1|si| 9| Ty		-452.5|	0.0|	452.5|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -3529.5 |Mz eq = 0.0 |My eq = 0.0 |Ss = -742.4 (0.283)

P_HEA120_S011 (11) stato limite ultimo - ASTA (337- 338) 602
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 11- 7|	4231.5|	3801.4|	0.0|	8667.6|	35.3|	16.8|
| 12- 7|	-1226.5|	-12365.2|	0.0|	-1987.5|	-119.4|	35.2|
| 6- 1|	1549.5|	251.4|	0.0|	311.9|	-1.3|	69.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 11- 7|si| 4|Sx	Si	479.6|	0.0|	479.6|
| 12- 7|si| 6| Tz		10.9|	-10.2|	20.7|
| 6- 1|si| 9| Ty		12.5|	0.0|	-13.7|

PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 11- 7|	4579.5|	2948.8|	0.0|	8667.6|	35.3|	12.0|
| 12- 7|	-435.5|	-9484.9|	0.0|	-1987.5|	-119.4|	30.4|
| 6- 1|	3145.0|	282.8|	0.0|	311.9|	-1.3|	63.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 11- 7|si| 4|Sx	Si	460.7|	0.0|	460.7|

Copertura area carburante - Relazione di calcolo

12- 7|si| 6|	Tz	-14.6|	-10.0|	0.0|	22.6|
6- 1|si| 9|	Ty	12.6|	0.0|	-12.4|	24.9|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 7|	4811.9|	2096.2|	0.0|	8667.6|	35.3|	7.2|
12- 7|	240.0|	-6604.7|	0.0|	-1987.5|	-119.4|	25.6|
6- 1|	4590.2|	314.2|	0.0|	311.9|	-1.3|	56.8|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
11- 7|si| 4|Sx	Si|	440.7|	0.0|	0.0|	440.7|
12- 7|si| 6|	Tz	-39.0|	-9.8|	0.0|	42.5|
6- 1|si| 9|	Ty	12.6|	0.0|	-11.2|	23.1|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 7|	4928.7|	1243.6|	0.0|	8667.6|	35.3|	2.4|
12- 7|	799.9|	-3724.4|	0.0|	-1987.5|	-119.4|	20.8|
6- 1|	5885.2|	345.6|	0.0|	311.9|	-1.3|	50.6|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
11- 7|si| 4|Sx	Si|	419.7|	0.0|	0.0|	419.7|
12- 7|si| 6|	Tz	-62.3|	-9.6|	0.0|	64.5|
6- 1|si| 9|	Ty	12.6|	0.0|	-10.0|	21.4|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 7|	4930.0|	390.9|	0.0|	8667.6|	35.3|	-2.3|
12- 7|	1244.2|	-844.1|	0.0|	-1987.5|	-119.4|	16.0|
6- 1|	7029.9|	377.0|	0.0|	311.9|	-1.3|	44.3|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
11- 7|si| 4|Sx	Si|	397.5|	0.0|	0.0|	397.5|
12- 7|si| 6|	Tz	-84.6|	-9.4|	0.0|	86.1|
6- 1|si| 9|	Ty	12.7|	0.0|	-8.7|	19.8|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 8|	4818.1|	-674.7|	0.0|	8729.7|	35.2|	-7.3|
12- 7|	1572.9|	2036.1|	0.0|	-1987.5|	-119.4|	11.2|
6- 1|	8024.3|	408.5|	0.0|	311.9|	-1.3|	38.1|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
11- 8|si| 3|Sx	Si|	406.3|	0.0|	0.0|	406.3|
12- 7|si| 6|	Tz	-105.8|	-9.2|	0.0|	107.0|
6- 1|si| 9|	Ty	12.7|	0.0|	-7.5|	18.2|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 8|	4584.7|	-1524.5|	0.0|	8729.7|	35.2|	-12.1|
12- 7|	1786.1|	4916.4|	0.0|	-1987.5|	-119.4|	6.4|
6- 1|	8868.4|	439.9|	0.0|	311.9|	-1.3|	31.9|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
11- 8|si| 3|Sx	Si|	426.2|	0.0|	0.0|	426.2|
12- 7|si| 6|	Tz	-125.8|	-9.0|	0.0|	126.8|
6- 1|si| 9|	Ty	12.8|	0.0|	-6.3|	16.8|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 8|	4235.8|	-2374.4|	0.0|	8729.7|	35.2|	-16.9|
12- 5|	2981.1|	7944.3|	0.0|	2617.0|	-119.8|	-6.2|
6- 1|	9562.3|	471.3|	0.0|	311.9|	-1.3|	25.6|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
11- 8|si| 3|Sx	Si|	445.0|	0.0|	0.0|	445.0|
12- 5|si| 5|	Tz	124.9|	-9.0|	0.0|	125.9|
6- 1|si| 9|	Ty	12.8|	0.0|	-5.1|	15.5|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5|	3829.8|	3540.0|	0.0|	8521.4|	-36.0|	-21.2|
12- 5|	2772.6|	10834.4|	0.0|	2617.0|	-119.8|	-11.0|
11- 8|	3771.2|	-3224.2|	0.0|	8729.7|	35.2|	-21.7|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
11- 5|si| 4|Sx	Si|	463.3|	0.0|	0.0|	463.3|
12- 5|si| 5|	Tz	145.0|	-9.2|	0.0|	145.9|
11- 8|si| 9|	Ty	340.1|	0.0|	4.3|	340.1|

VERIFICA STABILITA' :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11-10 - Nodo 4 - Asse Y
 Ned = -7528.7|Mzeq = -3147.4|Myeq = -2774.3|Ss = -529.2 (0.202)

P_HEA120_S011 (11) stato limite ultimo - ASTA (338- 339) 603
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	10685.9|	439.5|	0.0|	15134.7|	1.3|	35.0|
12-16|	1715.3|	-11312.3|	0.0|	2416.9|	-87.2|	22.0|
6- 1|	10105.9|	502.7|	0.0|	13433.6|	2.1|	35.9|

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx	Si|	707.3|	0.0|	0.0|	707.3|
12-16|si| 6|	Tz	150.0|	-7.3|	0.0|	150.6|

Copertura area carburante - Relazione di calcolo

6-1	si	9	Ty	529.2	0.0	-7.1	529.4		
----- PROGR. 24.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
5-1	11454.0	407.1	0.0	15134.7	1.3	28.7			
12-16	2189.0	-9208.6	0.0	2416.9	-87.2	17.2			
6-1	10897.0	452.5	0.0	13433.6	2.1	29.7			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5-1	si	4	Sx	Si	713.6	0.0	0.0	713.6	
12-16	si	6	Tz	132.4	-7.1	0.0	133.0		
6-1	si	9	Ty	529.2	0.0	-5.9	529.3		
----- PROGR. 48.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
5-1	12071.9	374.8	0.0	15134.7	1.3	22.5			
12-16	2547.0	-7105.0	0.0	2416.9	-87.2	12.4			
6-1	11537.8	402.2	0.0	13433.6	2.1	23.4			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5-1	si	4	Sx	Si	718.6	0.0	0.0	718.6	
12-16	si	6	Tz	115.8	-6.9	0.0	116.4		
6-1	si	9	Ty	529.1	0.0	-4.6	529.2		
----- PROGR. 72.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
5-1	12539.4	342.5	0.0	15134.7	1.3	16.3			
12-16	2789.5	-5001.4	0.0	2416.9	-87.2	7.7			
6-1	12028.4	352.0	0.0	13433.6	2.1	17.2			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5-1	si	4	Sx	Si	722.1	0.0	0.0	722.1	
12-16	si	6	Tz	100.3	-6.7	0.0	101.0		
6-1	si	9	Ty	529.0	0.0	-3.4	529.1		
----- PROGR. 96.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
5-1	12856.7	310.2	0.0	15134.7	1.3	10.0			
12-16	2916.4	-2897.7	0.0	2416.9	-87.2	2.9			
6-1	12368.6	301.7	0.0	13433.6	2.1	11.0			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5-1	si	4	Sx	Si	724.3	0.0	0.0	724.3	
12-16	si	6	Tz	86.0	-6.5	0.0	86.7		
6-1	si	9	Ty	529.0	0.0	-2.2	529.0		
----- PROGR. 121.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
5-1	13023.8	277.8	0.0	15134.7	1.3	3.8			
12-1	3620.1	920.7	0.0	4614.8	87.8	-5.2			
11-1	4387.6	627.7	0.0	7463.1	27.6	-6.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5-1	si	4	Sx	Si	725.0	0.0	0.0	725.0	
12-1	si	6	Tz	141.9	6.7	0.0	142.3		
11-1	si	9	Ty	294.4	0.0	1.3	294.4		
----- PROGR. 145.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
5-1	13040.5	245.5	0.0	15134.7	1.3	-2.4			
12-1	3437.7	-1198.6	0.0	4614.8	87.8	-10.0			
8-2	2337.9	17.8	0.0	1772.4	-1.2	-12.2			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5-1	si	4	Sx	Si	724.3	0.0	0.0	724.3	
12-1	si	6	Tz	156.9	6.8	0.0	157.3		
8-2	si	9	Ty	69.8	0.0	2.4	69.9		
----- PROGR. 169.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
5-1	12907.0	213.2	0.0	15134.7	1.3	-8.6			
12-1	3139.6	-3317.9	0.0	4614.8	87.8	-14.8			
8-2	1968.5	47.0	0.0	1772.4	-1.2	-18.4			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5-1	si	4	Sx	Si	722.2	0.0	0.0	722.2	
12-1	si	6	Tz	173.0	7.0	0.0	173.4		
8-2	si	9	Ty	69.8	0.0	3.6	70.1		
----- PROGR. 193.									

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
5-1	12623.3	180.8	0.0	15134.7	1.3	-14.9			
12-1	2726.0	-5437.1	0.0	4614.8	87.8	-19.5			
8-2	1448.9	76.3	0.0	1772.4	-1.2	-24.7			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5-1	si	4	Sx	Si	718.7	0.0	0.0	718.7	
12-1	si	6	Tz	190.2	7.2	0.0	190.6		
8-2	si	9	Ty	69.8	0.0	4.9	70.3		

VERIFICA STABILITA` :

L0 = 193.1
 Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11- 9 - Nodo 2 - Asse Y
 Ned = -795.8|Mzeq = 2101.5|Myeq = 2571.7|Ss = -131.6 (0.050)

P_HEA120_S011 (11) stato limite ultimo - ASTA (339- 340) 604

Copertura area carburante - Relazione di calcolo

----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	12623.3|	180.8|	0.0|	20212.5|	1.3|	16.5|			
| 12-11|	2244.8|	6066.1|	0.0|	4318.1|	38.1|	18.9|			
| 7- 2 |	788.7|	-57.3|	0.0|	1625.5|	0.0|	29.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx Si|	918.6|	0.0|	0.0|	918.6|				
| 12-11|	si| 5| Tz	187.0|	3.5|	0.0|	187.1|				
| 7- 2 |	si| 9| Ty	63.9|	0.0|	-5.8|	64.7|				
----- PROGR. 24.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	12945.3|	148.5|	0.0|	20212.5|	1.3|	10.2|			
| 12-11|	2643.3|	5146.9|	0.0|	4318.1|	38.1|	14.1|			
| 7- 2 |	1418.7|	-57.9|	0.0|	1625.5|	0.0|	23.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx Si|	920.7|	0.0|	0.0|	920.7|				
| 12-11|	si| 5| Tz	177.5|	3.4|	0.0|	177.6|				
| 7- 2 |	si| 9| Ty	63.9|	0.0|	-4.5|	64.4|				
----- PROGR. 48.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	13117.0|	116.2|	0.0|	20212.5|	1.3|	4.0|			
| 12-11|	2926.2|	4227.7|	0.0|	4318.1|	38.1|	9.3|			
| 7- 2 |	1898.5|	-58.5|	0.0|	1625.5|	0.0|	16.8|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx Si|	921.5|	0.0|	0.0|	921.5|				
| 12-11|	si| 5| Tz	169.0|	3.2|	0.0|	169.1|				
| 7- 2 |	si| 9| Ty	63.9|	0.0|	-3.3|	64.2|				
----- PROGR. 72.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	13138.4|	83.9|	0.0|	20212.5|	1.3|	-2.2|			
| 12-11|	3093.6|	3308.5|	0.0|	4318.1|	38.1|	4.5|			
| 7- 2 |	2228.0|	-59.1|	0.0|	1625.5|	0.0|	10.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx Si|	920.9|	0.0|	0.0|	920.9|				
| 12-11|	si| 5| Tz	161.7|	3.0|	0.0|	161.8|				
| 7- 2 |	si| 9| Ty	63.9|	0.0|	-2.1|	64.0|				
----- PROGR. 96.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	13009.6|	51.5|	0.0|	20212.5|	1.3|	-8.5|			
| 12- 9|	3435.5|	2447.3|	0.0|	5492.2|	38.4|	-3.0|			
| 7- 1 |	11919.0|	64.6|	0.0|	18800.1|	1.2|	-8.9|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx Si|	918.8|	0.0|	0.0|	918.8|				
| 12- 9|	si| 6| Tz	168.5|	2.9|	0.0|	168.6|				
| 7- 1 |	si| 9| Ty	739.9|	0.0|	1.8|	739.9|				
----- PROGR. 121.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	12730.5|	19.2|	0.0|	20212.5|	1.3|	-14.7|			
| 12- 9|	3306.0|	1519.8|	0.0|	5492.2|	38.4|	-7.8|			
| 7- 1 |	11629.0|	34.7|	0.0|	18800.1|	1.2|	-15.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx Si|	915.4|	0.0|	0.0|	915.4|				
| 12- 9|	si| 6| Tz	175.6|	3.1|	0.0|	175.7|				
| 7- 1 |	si| 9| Ty	739.9|	0.0|	3.0|	739.9|				
----- PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	12301.2|	-13.1|	0.0|	20212.5|	1.3|	-20.9|			
| 12- 9|	3060.8|	592.3|	0.0|	5492.2|	38.4|	-12.6|			
| 7- 1 |	11188.8|	4.9|	0.0|	18800.1|	1.2|	-21.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 3|Sx Si|	911.2|	0.0|	0.0|	911.2|				
| 12- 9|	si| 6| Tz	183.7|	3.3|	0.0|	183.8|				
| 7- 1 |	si| 9| Ty	739.9|	0.0|	4.2|	739.9|				
----- PROGR. 169.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	11721.6|	-45.4|	0.0|	20212.5|	1.3|	-27.1|			
| 12- 9|	2700.1|	-335.2|	0.0|	5492.2|	38.4|	-17.3|			
| 7- 1 |	10598.3|	-25.0|	0.0|	18800.1|	1.2|	-27.6|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 3|Sx Si|	906.6|	0.0|	0.0|	906.6|				
| 12- 9|	si| 6| Tz	192.9|	3.5|	0.0|	193.0|				
| 7- 1 |	si| 9| Ty	739.8|	0.0|	5.4|	739.9|				
----- PROGR. 193.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	10991.7|	-77.8|	0.0|	20212.5|	1.3|	-33.4|			
| 12- 9|	2223.7|	-1262.8|	0.0|	5492.2|	38.4|	-22.1|			
| 7- 1 |	9857.6|	-54.8|	0.0|	18800.1|	1.2|	-33.8|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 3|Sx Si|	900.6|	0.0|	0.0|	900.6|				
| 12- 9|	si| 6| Tz	203.2|	3.7|	0.0|	203.3|				
| 7- 1 |	si| 9| Ty	739.8|	0.0|	6.7|	739.9|				

Copertura area carburante - Relazione di calcolo

 VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (340- 341) 605

 PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	10992.1	-301.4	0.0	19422.6	-0.8	31.6
8- 1	9858.3	-427.5	0.0	17448.4	-1.4	30.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	875.3	0.0
8- 1	si	6	Tz	596.9	-1.3	0.0
6- 1	si	9	Ty	764.0	0.0	-6.2

 PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	11678.2	-282.3	0.0	19422.6	-0.8	25.3
12- 3	2698.3	1107.6	0.0	5613.7	5.2	17.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	881.2	0.0
12- 3	si	5	Tz	202.6	1.1	0.0
6- 1	si	9	Ty	764.1	0.0	-5.0

 PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12214.1	-263.2	0.0	19422.6	-0.8	19.1
12- 3	3067.5	982.4	0.0	5613.7	5.2	12.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	885.8	0.0
12- 3	si	5	Tz	198.3	0.9	0.0
6- 1	si	9	Ty	764.1	0.0	-3.8

 PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12599.6	-244.2	0.0	19422.6	-0.8	12.9
12- 3	3321.1	857.1	0.0	5613.7	5.2	8.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	888.9	0.0
12- 3	si	5	Tz	195.2	0.7	0.0
6- 1	si	9	Ty	764.1	0.0	-2.5

 PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12834.9	-225.1	0.0	19422.6	-0.8	6.6
12- 3	3459.1	731.8	0.0	5613.7	5.2	3.3
11- 9	3774.4	150.2	0.0	7124.4	1.8	7.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	890.6	0.0
12- 3	si	5	Tz	193.1	0.5	0.0
11- 9	si	9	Ty	280.5	0.0	-1.4

 PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12920.0	-206.0	0.0	19422.6	-0.8	0.4
12- 1	3129.3	604.2	0.0	4342.5	5.4	-4.6
11- 8	2640.3	-160.7	0.0	2653.0	-1.7	-8.8
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	890.9	0.0
12- 1	si	6	Tz	137.7	0.6	0.0
11- 8	si	9	Ty	104.2	0.0	1.7

 PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12854.7	-186.9	0.0	19422.6	-0.8	-5.8
12- 1	2960.2	473.5	0.0	4342.5	5.4	-9.4
11- 8	2370.8	-119.4	0.0	2653.0	-1.7	-13.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	889.8	0.0
12- 1	si	6	Tz	140.2	0.8	0.0
11- 8	si	9	Ty	104.3	0.0	2.7

 PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12639.2	-167.9	0.0	19422.6	-0.8	-12.0
12- 1	2675.5	342.8	0.0	4342.5	5.4	-14.2
8- 2	1977.2	124.0	0.0	3025.0	1.1	-19.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	887.3	0.0
12- 1	si	6	Tz	143.6	1.0	0.0
8- 2	si	9	Ty	119.2	0.0	3.9

 PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12273.5	-148.8	0.0	19422.6	-0.8	-18.3
12- 1	2275.3	212.0	0.0	4342.5	5.4	-19.0
8- 2	1427.0	97.3	0.0	3025.0	1.1	-25.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	883.4	0.0
12- 1	si	6	Tz	148.2	1.2	0.0
8- 2	si	9	Ty	119.2	0.0	5.1

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (341- 342) 606

----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12273.5	-148.8	0.0	13567.5	-0.8	13.3
12-16	2734.3	-270.4	0.0	4617.8	-4.6	19.1
7- 2	2068.2	-2.6	0.0	4540.2	-0.3	26.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	652.9	0.0	0.0	652.9
12-16	si	6	Tz	157.8	-1.1	0.0	157.8	
7- 2	si	9	Ty	178.7	0.0	-5.3	178.9	

----- PROGR. 24.
SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12518.9	-129.7	0.0	13567.5	-0.8	7.1
12-16	3137.9	-158.6	0.0	4617.8	-4.6	14.3
7- 2	2642.9	4.8	0.0	4540.2	-0.3	20.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	654.7	0.0	0.0	654.7
12-16	si	6	Tz	153.3	-0.9	0.0	153.3	
7- 2	si	9	Ty	178.7	0.0	-4.1	178.8	

----- PROGR. 48.
SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12614.0	-110.7	0.0	13567.5	-0.8	0.8
12-16	3425.8	-46.7	0.0	4617.8	-4.6	9.5
7- 2	3067.3	12.2	0.0	4540.2	-0.3	14.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	655.1	0.0	0.0	655.1
12-16	si	6	Tz	149.9	-0.7	0.0	149.9	
7- 2	si	9	Ty	178.7	0.0	-2.9	178.8	

----- PROGR. 72.
SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12558.9	-91.6	0.0	13567.5	-0.8	-5.4
12-16	3598.2	65.1	0.0	4617.8	-4.6	4.7
7- 2	3341.4	19.7	0.0	4540.2	-0.3	8.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	654.1	0.0	0.0	654.1
12-16	si	6	Tz	147.6	-0.5	0.0	147.6	
7- 2	si	9	Ty	178.7	0.0	-1.6	178.7	

----- PROGR. 96.
SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12353.5	-72.5	0.0	13567.5	-0.8	-11.6
5- 1	11858.6	-94.4	0.0	11878.2	0.1	-12.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	651.7	0.0	0.0	651.7
6- 1	si	5	Tz	417.6	-0.5	0.0	417.6	
5- 1	si	9	Ty	467.4	0.0	2.5	467.4	

----- PROGR. 121.
SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	11997.8	-53.4	0.0	13567.5	-0.8	-17.9
5- 1	11475.4	-95.8	0.0	11878.2	0.1	-19.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	647.9	0.0	0.0	647.9
6- 1	si	5	Tz	421.1	-0.8	0.0	421.1	
5- 1	si	9	Ty	467.4	0.0	3.7	467.4	

----- PROGR. 145.
SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	11491.9	-34.4	0.0	13567.5	-0.8	-24.1
5- 1	10942.0	-97.1	0.0	11878.2	0.1	-25.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	642.6	0.0	0.0	642.6
6- 1	si	5	Tz	425.9	-1.0	0.0	425.9	
5- 1	si	9	Ty	467.4	0.0	5.0	467.4	

----- PROGR. 169.
SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	10835.7	-15.3	0.0	13567.5	-0.8	-30.3
5- 1	10258.2	-98.5	0.0	11878.2	0.1	-31.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	636.0	0.0	0.0	636.0
6- 1	si	5	Tz	432.2	-1.3	0.0	432.2	
5- 1	si	9	Ty	467.4	0.0	6.2	467.5	

----- PROGR. 193.
SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	10029.3	3.8	0.0	13567.5	-0.8	-36.5
5- 1	9424.2	-99.9	0.0	11878.2	0.1	-37.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	628.1	0.0	0.0	628.1
6- 1	si	5	Tz	439.9	-1.5	0.0	439.9	
5- 1	si	9	Ty	467.4	0.0	7.4	467.5	

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

| L0 = 193. |
 Z | Lc = 193. | Ro = 4.89 | lm = 39.5 | Ncr = 338101.8 | alfa (b) = 0.3400 | ki = 0.9038 |
 Y | Lc = 193. | Ro = 3.01 | lm = 64.0 | Ncr = 128500.9 | alfa (c) = 0.4900 | ki = 0.7014 |
 Caso 11- 8 - Nodo 2 - Asse Y
 Ned = -844.2 | Mzeq = 2074.2 | Myeq = 189.3 | Ss = -71.8 (0.027)

P_HEAL20_S011 (11) stato limite ultimo - ASTA (342- 343) 607
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	3750.1 |	-323.7 |	0.0 |	8561.9 |	-0.5 |	21.4 |
| 5- 1 |	9424.2 |	-99.9 |	0.0 |	-3301.1 |	-0.3 |	-26.1 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	380.5 |	0.0 |	0.0 |	380.5 |
| 5- 1 |	| si |	5 |	Tz	Ty	-218.9 |	-1.1 |	0.0 |	219.0 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	5.1 |	130.3 |

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	4208.1 |	-311.3 |	0.0 |	8561.9 |	-0.5 |	16.6 |
| 5- 1 |	8719.6 |	-93.7 |	0.0 |	-3301.1 |	-0.3 |	-32.3 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	384.5 |	0.0 |	0.0 |	384.5 |
| 5- 1 |	| si |	5 |	Tz	Ty	-212.3 |	-1.3 |	0.0 |	212.3 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	6.4 |	130.5 |

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	4550.4 |	-298.8 |	0.0 |	8561.9 |	-0.5 |	11.8 |
| 5- 1 |	7864.6 |	-87.4 |	0.0 |	-3301.1 |	-0.3 |	-38.6 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	387.4 |	0.0 |	0.0 |	387.4 |
| 5- 1 |	| si |	5 |	Tz	Ty	-204.2 |	-1.5 |	0.0 |	204.3 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	7.6 |	130.7 |

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	4777.2 |	-286.3 |	0.0 |	8561.9 |	-0.5 |	7.0 |
| 5- 1 |	6859.4 |	-81.2 |	0.0 |	-3301.1 |	-0.3 |	-44.8 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	389.2 |	0.0 |	0.0 |	389.2 |
| 5- 1 |	| si |	5 |	Tz	Ty	-194.8 |	-1.8 |	0.0 |	194.8 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	8.8 |	130.9 |

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	4888.3 |	-273.9 |	0.0 |	8561.9 |	-0.5 |	2.2 |
| 5- 1 |	5703.9 |	-74.9 |	0.0 |	-3301.1 |	-0.3 |	-51.0 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	389.9 |	0.0 |	0.0 |	389.9 |
| 5- 1 |	| si |	5 |	Tz	Ty	-183.9 |	-2.0 |	0.0 |	183.9 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	10.1 |	131.2 |

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	4883.9 |	-261.4 |	0.0 |	8561.9 |	-0.5 |	-2.6 |
| 5- 1 |	4398.2 |	-68.7 |	0.0 |	-3301.1 |	-0.3 |	-57.2 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	389.6 |	0.0 |	0.0 |	389.6 |
| 5- 1 |	| si |	5 |	Tz	Ty	-171.6 |	-2.3 |	0.0 |	171.6 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	11.3 |	131.5 |

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	4763.9 |	-249.0 |	0.0 |	8561.9 |	-0.5 |	-7.4 |
| 5- 1 |	2942.2 |	-62.4 |	0.0 |	-3301.1 |	-0.3 |	-63.5 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	388.1 |	0.0 |	0.0 |	388.1 |
| 5- 1 |	| si |	5 |	Tz	Ty	-157.9 |	-2.5 |	0.0 |	158.0 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	12.5 |	131.8 |

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	4528.3 |	-236.5 |	0.0 |	8561.9 |	-0.5 |	-12.2 |
| 5- 1 |	1335.9 |	-56.2 |	0.0 |	-3301.1 |	-0.3 |	-69.7 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	385.6 |	0.0 |	0.0 |	385.6 |
| 5- 1 |	| si |	5 |	Tz	Ty	-142.8 |	-2.8 |	0.0 |	142.9 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	13.7 |	132.1 |

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11- 9 |	4177.1 |	-224.0 |	0.0 |	8561.9 |	-0.5 |	-17.0 |
| 5- 1 |	-420.7 |	-50.0 |	0.0 |	-3301.1 |	-0.3 |	-75.9 |

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 11- 9 |	| si |	3 |	Sx	Si	382.0 |	0.0 |	0.0 |	382.0 |
| 5- 1 |	| si |	5 |	Tz	Ty	-126.3 |	-3.0 |	0.0 |	126.4 |
| 5- 1 |	| si |	9 |	Ty	Tz	-130.0 |	0.0 |	15.0 |	132.5 |

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11- 8 - Nodo 3 - Asse Y
 Ned = -7689.5|Mzeq = -3217.9|Myeq = 252.4|Ss = -469.3 (0.179)

P_HEA120_S011 (11) stato limite ultimo - ASTA (327- 337) 623
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-13597.1|	-1.3|	32.9|
12- 9|	0.0|	0.0|	0.0|	327.5|	-64.9|	25.2|
7- 1|	0.0|	0.0|	0.0|	-5668.2|	-1.1|	45.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			-535.1|	0.0|	0.0|	535.1|
12- 9|si| 6|	Tz			12.9|	-5.8|	0.0|	16.3|
7- 1|si| 9|	Ty			-223.1|	0.0|	-9.0|	223.6|
6- 1|si| 9|	Si			-535.1|	0.0|	-6.5|	535.2|

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	719.6|	31.4|	0.0|	-13597.1|	-1.3|	26.7|
12- 9|	549.5|	1566.2|	0.0|	327.5|	-64.9|	20.4|
7- 1|	1024.6|	26.4|	0.0|	-5668.2|	-1.1|	39.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx	Si		-542.7|	0.0|	0.0|	542.7|
12- 9|si| 6|	Tz			-2.1|	-5.6|	0.0|	9.9|
7- 1|si| 9|	Ty			-223.0|	0.0|	-7.8|	223.4|

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 9|	-360.5|	-868.1|	0.0|	-13431.9|	18.0|	-12.3|
12- 9|	983.4|	3132.4|	0.0|	327.5|	-64.9|	15.6|
7- 1|	1899.0|	52.9|	0.0|	-5668.2|	-1.1|	33.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 9|si| 4|	Sx	Si		-554.5|	0.0|	0.0|	554.5|
12- 9|si| 6|	Tz			-16.0|	-5.4|	0.0|	18.5|
7- 1|si| 9|	Ty			-223.0|	0.0|	-6.5|	223.3|

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 9|	-714.2|	-1302.1|	0.0|	-13431.9|	18.0|	-17.1|
12- 9|	1301.6|	4698.6|	0.0|	327.5|	-64.9|	10.8|
7- 1|	2623.1|	79.3|	0.0|	-5668.2|	-1.1|	26.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 9|si| 4|	Sx	Si		-569.1|	0.0|	0.0|	569.1|
12- 9|si| 6|	Tz			-28.8|	-5.2|	0.0|	30.2|
7- 1|si| 9|	Ty			-223.0|	0.0|	-5.3|	223.2|

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10|	-1173.5|	-1849.5|	0.0|	-13362.7|	19.2|	-21.7|
12- 9|	1504.3|	6264.8|	0.0|	327.5|	-64.9|	6.0|
11- 8|	3050.3|	1787.3|	0.0|	7976.0|	-18.5|	22.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10|si| 4|	Sx	Si		-584.9|	0.0|	0.0|	584.9|
12- 9|si| 6|	Tz			-40.6|	-5.0|	0.0|	41.5|
11- 8|si| 9|	Ty			315.8|	0.0|	-4.3|	315.9|

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10|	-1755.9|	-2311.9|	0.0|	-13362.7|	19.2|	-26.5|
12-11|	72.6|	7781.8|	0.0|	-5738.2|	-64.5|	-11.4|
7- 2|	-1356.4|	-16.4|	0.0|	-11503.7|	0.1|	-26.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10|si| 4|	Sx	Si		-602.4|	0.0|	0.0|	602.4|
12-11|si| 5|	Tz			-177.6|	-5.2|	0.0|	177.9|
7- 2|si| 9|	Ty			-452.7|	0.0|	5.3|	452.8|

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10|	-2453.8|	-2774.3|	0.0|	-13362.7|	19.2|	-31.3|
12-11|	-259.6|	9338.2|	0.0|	-5738.2|	-64.5|	-16.2|
7- 2|	-2078.5|	-19.7|	0.0|	-11503.7|	0.1|	-33.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10|si| 4|	Sx	Si		-621.0|	0.0|	0.0|	621.0|
12-11|si| 5|	Tz			-164.8|	-5.4|	0.0|	165.0|
7- 2|si| 9|	Ty			-452.7|	0.0|	6.5|	452.9|

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10|	-3267.4|	-3236.6|	0.0|	-13362.7|	19.2|	-36.1|
12-11|	-707.5|	10894.5|	0.0|	-5738.2|	-64.5|	-21.0|
7- 2|	-2950.9|	-23.0|	0.0|	-11503.7|	0.1|	-39.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10|si| 4|	Sx	Si		-640.6|	0.0|	0.0|	640.6|
12-11|si| 5|	Tz			-150.8|	-5.6|	0.0|	151.1|
7- 2|si| 9|	Ty			-452.7|	0.0|	7.7|	452.9|

SOLLECITAZIONI :

----- PROGR. 193.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-10 | -4196.5 | -3699.0 | 0.0 | -13362.7 | 19.2 | -40.9 |
| 12-11 | -1270.9 | 12450.9 | 0.0 | -5738.2 | -64.5 | -25.8 |
| 7- 2 | -3973.5 | -26.2 | 0.0 | -11503.7 | 0.1 | -45.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-10|si| 4|Sx  Si| -661.3 | 0.0 | 0.0 | 661.3 |
| 12-11|si| 5| Tz  | -135.7 | -5.8 | 0.0 | 136.1 |
| 7- 2|si| 9| Ty  | -452.8 | 0.0 | 9.0 | 453.0 |
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VERIFICA STABILITA' :
|L0 = 193. |
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Cas011-10 - Nodo 4 - Asse Y
Ned = -13362.7|Mzeq = -3147.4|Myeq = -2774.3|Ss = -860.9 ( 0.329)

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 343- 344) 624
----- PROGR. 0.
SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | -1824.6 | -37.3 | 0.0 | -19626.8 | -0.2 | 34.4 |
| 11- 8 | -4290.6 | 188.4 | 0.0 | -13353.1 | 1.0 | 41.4 |
| 11- 6 | -4302.7 | 125.3 | 0.0 | -13194.2 | 0.6 | 41.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 4|Sx  Si| -790.5 | 0.0 | 0.0 | 790.5 |
| 11- 8|si| 5| Tz  | -484.1 | 1.7 | 0.0 | 484.1 |
| 11- 6|si| 9| Ty  | -519.1 | 0.0 | -8.2 | 519.3 |
----- PROGR. 24.
SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | -1070.6 | -32.6 | 0.0 | -19626.8 | -0.2 | 28.1 |
| 11- 8 | -3349.7 | 164.8 | 0.0 | -13353.1 | 1.0 | 36.6 |
| 11- 6 | -3360.3 | 109.6 | 0.0 | -13194.2 | 0.6 | 36.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 4|Sx  Si| -783.3 | 0.0 | 0.0 | 783.3 |
| 11- 8|si| 5| Tz  | -493.0 | 1.5 | 0.0 | 493.1 |
| 11- 6|si| 9| Ty  | -519.1 | 0.0 | -7.2 | 519.3 |
----- PROGR. 48.
SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | -466.9 | -28.0 | 0.0 | -19626.8 | -0.2 | 21.9 |
| 11- 8 | -2524.4 | 141.3 | 0.0 | -13353.1 | 1.0 | 31.8 |
| 11- 6 | -2533.5 | 94.0 | 0.0 | -13194.2 | 0.6 | 31.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 4|Sx  Si| -777.5 | 0.0 | 0.0 | 777.5 |
| 11- 8|si| 5| Tz  | -500.9 | 1.3 | 0.0 | 500.9 |
| 11- 6|si| 9| Ty  | -519.1 | 0.0 | -6.3 | 519.3 |
----- PROGR. 72.
SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | -13.4 | -23.3 | 0.0 | -19626.8 | -0.2 | 15.7 |
| 11- 8 | -1814.7 | 117.7 | 0.0 | -13353.1 | 1.0 | 27.0 |
| 11- 6 | -1822.3 | 78.3 | 0.0 | -13194.2 | 0.6 | 27.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 4|Sx  Si| -773.1 | 0.0 | 0.0 | 773.1 |
| 11- 8|si| 5| Tz  | -507.7 | 1.1 | 0.0 | 507.7 |
| 11- 6|si| 9| Ty  | -519.2 | 0.0 | -5.3 | 519.2 |
----- PROGR. 96.
SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | 289.8 | -18.6 | 0.0 | -19626.8 | -0.2 | 9.5 |
| 11- 8 | -1220.6 | 94.2 | 0.0 | -13353.1 | 1.0 | 22.2 |
| 11- 6 | -1226.6 | 62.7 | 0.0 | -13194.2 | 0.6 | 22.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 1|Sx  Si| -775.6 | 0.0 | 0.0 | 775.6 |
| 11- 8|si| 5| Tz  | -513.5 | 1.0 | 0.0 | 513.5 |
| 11- 6|si| 9| Ty  | -519.2 | 0.0 | -4.4 | 519.2 |
----- PROGR. 121.
SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | 442.8 | -14.0 | 0.0 | -19626.8 | -0.2 | 3.2 |
| 11- 9 | 2433.3 | -84.0 | 0.0 | 7649.4 | -1.2 | -26.4 |
| 11-11 | 2437.9 | -60.4 | 0.0 | 7490.5 | -0.8 | -26.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 1|Sx  Si| -776.9 | 0.0 | 0.0 | 776.9 |
| 11- 9|si| 5| Tz  | 277.7 | -1.1 | 0.0 | 277.7 |
| 11-11|si| 9| Ty  | 294.7 | 0.0 | 5.2 | 294.9 |
----- PROGR. 145.
SOLLECITAZIONI
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | 445.5 | -9.3 | 0.0 | -19626.8 | -0.2 | -3.0 |
| 11- 9 | 1737.8 | -56.0 | 0.0 | 7649.4 | -1.2 | -31.2 |
| 11-11 | 1740.8 | -40.2 | 0.0 | 7490.5 | -0.8 | -31.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 1|Sx  Si| -776.8 | 0.0 | 0.0 | 776.8 |
| 11- 9|si| 5| Tz  | 284.4 | -1.3 | 0.0 | 284.4 |
| 11-11|si| 9| Ty  | 294.7 | 0.0 | 6.2 | 294.9 |
----- PROGR. 169.
SOLLECITAZIONI

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Copertura area carburante - Relazione di calcolo

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| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |    297.9 |    -4.7 |      0.0 | -19626.8 |     -0.2 |     -9.2 |
| 11- 9 |    926.7 |    -28.0 |      0.0 |   7649.4 |     -1.2 |    -36.0 |
| 11-11 |    928.2 |    -20.1 |      0.0 |   7490.5 |     -0.8 |    -36.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1 |si| 1 |Sx  Si |    -775.3 |      0.0 |      0.0 |    775.3 |
| 11- 9 |si| 5 | Tz  |      292.2 |     -1.5 |      0.0 |    292.2 |
| 11-11 |si| 9 | Ty  |      294.8 |      0.0 |      7.1 |    295.0 |
----- PROGR. 193.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |      0.0 |      0.0 |      0.0 | -19626.8 |     -0.2 |    -15.5 |
| 11- 9 |      0.0 |      0.0 |      0.0 |   7649.4 |     -1.2 |    -40.8 |
| 11-11 |      0.0 |      0.0 |      0.0 |   7490.5 |     -0.8 |    -40.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1 |si| 1 |Sx  Si |    -772.4 |      0.0 |      0.0 |    772.4 |
| 11- 9 |si| 5 | Tz  |      301.0 |     -1.7 |      0.0 |    301.1 |
| 11-11 |si| 9 | Ty  |      294.8 |      0.0 |      8.1 |    295.1 |
| 7- 1 |si| 9 | Si  |    -772.4 |      0.0 |      3.0 |    772.4 |
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 4.89 |lm = 39.5 |Ncr= 338101.8 |alfa (b )=0.3400 |ki=0.9038 |
Y |Lc = 193. |Ro = 3.01 |lm = 64.0 |Ncr= 128500.9 |alfa (c )=0.4900 |ki=0.7014 |
Caso 7- 1 - Nodo 4 - Asse Y
Ned = -19626.8 |Mzeq = -1368.5 |Myeq = -28.0 |Ss = -1115.7 ( 0.426)

P_HEAL20_S011 ( 11) stato limite ultimo - ASTA ( 604- 605) 957
----- PROGR. 0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    8350.1 |    406.3 |      0.0 |  13175.0 |     -2.1 |    65.7 |
| 12- 7 |    1220.5 |   -15061.3 |      0.0 |   2688.0 |    -114.6 |    31.1 |
| 6- 1 |    8193.1 |    437.8 |      0.0 |  12833.4 |     -2.3 |    66.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si |    607.4 |      0.0 |      0.0 |    607.4 |
| 12- 7 |si| 6 | Tz  |    188.9 |     -9.6 |      0.0 |    189.6 |
| 6- 1 |si| 9 | Ty  |    505.5 |      0.0 |    -13.1 |    506.0 |
----- PROGR. 24.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    9859.2 |    457.1 |      0.0 |  13175.0 |     -2.1 |    59.4 |
| 12- 7 |    1914.1 |   -12295.9 |      0.0 |   2688.0 |    -114.6 |    26.4 |
| 6- 1 |    9726.8 |    492.5 |      0.0 |  12833.4 |     -2.3 |    60.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si |    622.9 |      0.0 |      0.0 |    622.9 |
| 12- 7 |si| 6 | Tz  |    165.0 |     -9.5 |      0.0 |    165.8 |
| 6- 1 |si| 9 | Ty  |    505.6 |      0.0 |    -11.9 |    506.0 |
----- PROGR. 48.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   11218.1 |    507.9 |      0.0 |  13175.0 |     -2.1 |    53.2 |
| 12- 7 |    2492.2 |   -9530.5 |      0.0 |   2688.0 |    -114.6 |    21.6 |
| 6- 1 |   11110.1 |    547.2 |      0.0 |  12833.4 |     -2.3 |    54.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si |    636.9 |      0.0 |      0.0 |    636.9 |
| 12- 7 |si| 6 | Tz  |    142.2 |     -9.3 |      0.0 |    143.1 |
| 6- 1 |si| 9 | Ty  |    505.6 |      0.0 |    -10.7 |    506.0 |
----- PROGR. 72.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   12426.7 |    558.7 |      0.0 |  13175.0 |     -2.1 |    47.0 |
| 12- 7 |    2954.6 |   -6765.0 |      0.0 |   2688.0 |    -114.6 |    16.8 |
| 6- 1 |   12343.2 |    601.9 |      0.0 |  12833.4 |     -2.3 |    48.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si |    649.6 |      0.0 |      0.0 |    649.6 |
| 12- 7 |si| 6 | Tz  |    120.5 |     -9.1 |      0.0 |    121.6 |
| 6- 1 |si| 9 | Ty  |    505.7 |      0.0 |     -9.5 |    506.0 |
----- PROGR. 96.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   13485.0 |    609.5 |      0.0 |  13175.0 |     -2.1 |    40.8 |
| 12- 7 |    3301.5 |   -3999.6 |      0.0 |   2688.0 |    -114.6 |    12.0 |
| 6- 1 |   13426.1 |    656.7 |      0.0 |  12833.4 |     -2.3 |    41.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si |    660.8 |      0.0 |      0.0 |    660.8 |
| 12- 7 |si| 6 | Tz  |     99.9 |     -8.9 |      0.0 |    101.1 |
| 6- 1 |si| 9 | Ty  |    505.8 |      0.0 |     -8.2 |    506.0 |
----- PROGR. 121.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   14393.0 |    660.3 |      0.0 |  13175.0 |     -2.1 |    34.5 |
| 12- 7 |    3532.8 |   -1234.1 |      0.0 |   2688.0 |    -114.6 |     7.2 |
| 6- 1 |   14358.6 |    711.4 |      0.0 |  12833.4 |     -2.3 |    35.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4 |Sx  Si |    670.7 |      0.0 |      0.0 |    670.7 |
| 12- 7 |si| 6 | Tz  |     80.4 |     -8.7 |      0.0 |     81.8 |
| 6- 1 |si| 9 | Ty  |    505.8 |      0.0 |     -7.0 |    506.0 |
----- PROGR. 145.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	15150.8	711.1	0.0	13175.0	-2.1	28.3
12- 7|	3648.5|	1531.3|	0.0|	2688.0|	-114.6|	2.4|
6- 1|	15140.9|	766.1|	0.0|	12833.4|	-2.3|	29.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx				679.1|	0.0|	0.0|	679.1|
12- 7|si| 6|				61.9|	-8.5|	0.0|	63.7|
6- 1|si| 9|				505.9|	0.0|	-5.8|	506.0|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	15758.4|	761.9|	0.0|	13175.0|	-2.1|	22.1|
12- 5|	3655.5|	4459.8|	0.0|	3236.3|	-115.1|	-4.0|
6- 1|	15773.0|	820.8|	0.0|	12833.4|	-2.3|	23.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx				686.1|	0.0|	0.0|	686.1|
12- 5|si| 5|				121.1|	-8.6|	0.0|	122.0|
6- 1|si| 9|				505.9|	0.0|	-4.6|	506.0|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	16215.6|	812.7|	0.0|	13175.0|	-2.1|	15.8|
12- 5|	3500.2|	7236.1|	0.0|	3236.3|	-115.1|	-8.8|
6- 1|	16254.7|	875.6|	0.0|	12833.4|	-2.3|	16.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx				691.7|	0.0|	0.0|	691.7|
12- 5|si| 5|				140.0|	-8.8|	0.0|	140.8|
6- 1|si| 9|				506.0|	0.0|	-3.3|	506.0|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEA120_S011 (11) stato limite ultimo - ASTA (605- 608) 960
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	16254.7|	875.6|	0.0|	25516.0|	4.1|	38.2|
12- 1|	3532.5|	7882.3|	0.0|	5754.8|	20.8|	19.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx				1179.4|	0.0|	0.0|	1179.4|
12- 1|si| 5|				242.8|	2.3|	0.0|	242.9|
6- 1|si| 9|				1005.1|	0.0|	-7.5|	1005.2|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	17102.2|	776.8|	0.0|	25516.0|	4.1|	32.0|
12- 1|	3951.9|	7380.6|	0.0|	5754.8|	20.8|	15.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx				1184.8|	0.0|	0.0|	1184.8|
12- 1|si| 5|				235.7|	2.1|	0.0|	235.8|
6- 1|si| 9|				1005.0|	0.0|	-6.3|	1005.1|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	17799.5|	678.0|	0.0|	25516.0|	4.1|	25.8|
12- 1|	4255.8|	6878.8|	0.0|	5754.8|	20.8|	10.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx				1188.8|	0.0|	0.0|	1188.8|
12- 1|si| 5|				229.7|	1.9|	0.0|	229.8|
6- 1|si| 9|				1004.9|	0.0|	-5.1|	1004.9|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	18346.4|	579.2|	0.0|	25516.0|	4.1|	19.6|
12- 1|	4444.0|	6377.1|	0.0|	5754.8|	20.8|	5.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx				1191.3|	0.0|	0.0|	1191.3|
12- 1|si| 5|				224.8|	1.7|	0.0|	224.8|
6- 1|si| 9|				1004.8|	0.0|	-3.9|	1004.8|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	18743.1|	480.4|	0.0|	25516.0|	4.1|	13.3|
12- 1|	4516.6|	5875.4|	0.0|	5754.8|	20.8|	0.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx				1192.5|	0.0|	0.0|	1192.5|
12- 1|si| 5|				221.0|	1.6|	0.0|	221.0|
6- 1|si| 9|				1004.7|	0.0|	-2.6|	1004.7|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	18989.6|	381.6|	0.0|	25516.0|	4.1|	7.1|
12- 1|	4473.7|	5373.6|	0.0|	5754.8|	20.8|	-4.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx				1192.2|	0.0|	0.0|	1192.2|
12- 1|si| 6|				150.8|	1.7|	0.0|	150.8|
6- 1|si| 9|				1004.6|	0.0|	-1.4|	1004.6|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	19085.7|	282.8|	0.0|	25516.0|	4.1|	0.9|

Copertura area carburante - Relazione di calcolo

| 12- 1|	4315.1|	4871.9|	0.0|	5754.8|	20.8|	-9.0|
| 8- 2|	3841.9|	19.8|	0.0|	5057.0|	-0.9|	-11.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si |	1190.6|	0.0|	0.0|	1190.6|
| 12- 1|si| 6|	Tz |	155.4|	1.9|	0.0|	155.4|
| 8- 2|si| 9|	Ty |	199.0|	0.0|	2.3|	199.1|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	19031.6|	184.0|	0.0|	25516.0|	4.1|	-5.4|
| 12- 1|	4041.0|	4370.1|	0.0|	5754.8|	20.8|	-13.8|
| 8- 2|	3487.2|	41.1|	0.0|	5057.0|	-0.9|	-17.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si |	1187.5|	0.0|	0.0|	1187.5|
| 12- 1|si| 6|	Tz |	161.1|	2.1|	0.0|	161.2|
| 8- 2|si| 9|	Ty |	199.1|	0.0|	3.5|	199.2|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18827.2|	85.2|	0.0|	25516.0|	4.1|	-11.6|
| 12- 1|	3651.3|	3868.4|	0.0|	5754.8|	20.8|	-18.6|
| 8- 2|	2982.2|	62.3|	0.0|	5057.0|	-0.9|	-24.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si |	1183.0|	0.0|	0.0|	1183.0|
| 12- 1|si| 6|	Tz |	167.9|	2.3|	0.0|	168.0|
| 8- 2|si| 9|	Ty |	199.1|	0.0|	4.7|	199.3|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (608- 611) 963
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18827.2|	85.2|	0.0|	31953.6|	4.1|	7.8|
| 12- 1|	3651.3|	3868.4|	0.0|	7062.7|	21.5|	16.1|
| 8- 2|	2982.2|	62.3|	0.0|	6270.3|	-0.9|	22.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx |	Si |	1436.3|	0.0|	0.0|	1436.3|
| 12- 1|si| 5|	Tz |	268.0|	2.2|	0.0|	268.0|
| 8- 2|si| 9|	Ty |	246.8|	0.0|	-4.4|	247.0|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18939.9|	-13.6|	0.0|	31953.6|	4.1|	1.6|
| 12- 1|	3980.8|	3349.4|	0.0|	7062.7|	21.5|	11.3|
| 8- 2|	3451.0|	83.6|	0.0|	6270.3|	-0.9|	16.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	1435.5|	0.0|	0.0|	1435.5|
| 12- 1|si| 5|	Tz |	261.6|	2.0|	0.0|	261.7|
| 8- 2|si| 9|	Ty |	246.9|	0.0|	-3.2|	246.9|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18902.4|	-112.3|	0.0|	31953.6|	4.1|	-4.7|
| 12- 1|	4194.8|	2830.4|	0.0|	7062.7|	21.5|	6.5|
| 8- 2|	3769.6|	104.9|	0.0|	6270.3|	-0.9|	10.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	1437.7|	0.0|	0.0|	1437.7|
| 12- 1|si| 5|	Tz |	256.4|	1.8|	0.0|	256.4|
| 8- 2|si| 9|	Ty |	246.9|	0.0|	-2.0|	246.9|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18714.6|	-211.1|	0.0|	31953.6|	4.1|	-10.9|
| 12- 1|	4293.2|	2311.4|	0.0|	7062.7|	21.5|	1.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	1438.6|	0.0|	0.0|	1438.6|
| 12- 1|si| 5|	Tz |	252.2|	1.6|	0.0|	252.2|
| 6- 1|si| 9|	Ty |	1257.3|	0.0|	2.1|	1257.3|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18376.5|	-309.9|	0.0|	31953.6|	4.1|	-17.1|
| 12- 1|	4275.9|	1792.3|	0.0|	7062.7|	21.5|	-3.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	1437.9|	0.0|	0.0|	1437.9|
| 12- 1|si| 6|	Tz |	226.6|	1.7|	0.0|	226.6|
| 6- 1|si| 9|	Ty |	1257.2|	0.0|	3.4|	1257.2|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17888.1|	-408.7|	0.0|	31953.6|	4.1|	-23.4|
| 12- 1|	4143.1|	1273.3|	0.0|	7062.7|	21.5|	-7.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	1435.9|	0.0|	0.0|	1435.9|
12- 1 si 6	Tz	231.1	1.9	0.0	231.1
6- 1 si 9	Ty	1257.1	0.0	4.6	1257.1

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

6- 1	17249.5	-507.5	0.0	31953.6	4.1	-29.6
| 12- 1|	3894.7|	754.3|	0.0|	7062.7|	21.5|	-12.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1432.5|	0.0|	0.0|	1432.5|
| 12- 1|si| 6|	Tz |	236.7|	2.1|	0.0|	236.7|
| 6- 1|si| 9|	Ty |	1257.0|	0.0|	5.8|	1257.0|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	16460.6|	-606.3|	0.0|	31953.6|	4.1|	-35.8|
| 12- 1|	3530.7|	235.3|	0.0|	7062.7|	21.5|	-17.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1427.7|	0.0|	0.0|	1427.7|
| 12- 1|si| 6|	Tz |	243.3|	2.3|	0.0|	243.4|
| 6- 1|si| 9|	Ty |	1256.9|	0.0|	7.1|	1256.9|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	15521.4|	-705.1|	0.0|	31953.6|	4.1|	-42.0|
| 12- 1|	3051.2|	-283.7|	0.0|	7062.7|	21.5|	-22.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1421.4|	0.0|	0.0|	1421.4|
| 12- 1|si| 6|	Tz |	251.1|	2.5|	0.0|	251.1|
| 6- 1|si| 9|	Ty |	1256.8|	0.0|	8.3|	1256.8|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEAL20_S011 (11) stato limite ultimo - ASTA (611- 614) 966
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	15521.4|	-705.1|	0.0|	30826.7|	-3.0|	39.1|
| 12-16|	3068.7|	73.1|	0.0|	7537.9|	-38.6|	22.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1377.1|	0.0|	0.0|	1377.1|
| 12-16|si| 6|	Tz |	267.4|	-3.7|	0.0|	267.5|
| 6- 1|si| 9|	Ty |	1212.4|	0.0|	-7.7|	1212.5|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	16389.6|	-631.9|	0.0|	30826.7|	-3.0|	32.9|
| 12-16|	3562.4|	1004.9|	0.0|	7537.9|	-38.6|	18.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1383.3|	0.0|	0.0|	1383.3|
| 12-16|si| 6|	Tz |	256.9|	-3.6|	0.0|	257.0|
| 6- 1|si| 9|	Ty |	1212.5|	0.0|	-6.5|	1212.5|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17107.5|	-558.8|	0.0|	30826.7|	-3.0|	26.6|
| 12-16|	3940.5|	1936.6|	0.0|	7537.9|	-38.6|	13.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1388.2|	0.0|	0.0|	1388.2|
| 12-16|si| 6|	Tz |	247.5|	-3.4|	0.0|	247.6|
| 6- 1|si| 9|	Ty |	1212.6|	0.0|	-5.3|	1212.6|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17675.2|	-485.6|	0.0|	30826.7|	-3.0|	20.4|
| 12-16|	4203.0|	2868.4|	0.0|	7537.9|	-38.6|	8.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1391.6|	0.0|	0.0|	1391.6|
| 12-16|si| 6|	Tz |	239.2|	-3.2|	0.0|	239.3|
| 6- 1|si| 9|	Ty |	1212.6|	0.0|	-4.0|	1212.7|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18092.6|	-412.5|	0.0|	30826.7|	-3.0|	14.2|
| 12-16|	4350.0|	3800.2|	0.0|	7537.9|	-38.6|	3.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1393.6|	0.0|	0.0|	1393.6|
| 12-16|si| 6|	Tz |	232.0|	-3.0|	0.0|	232.0|
| 6- 1|si| 9|	Ty |	1212.7|	0.0|	-2.8|	1212.7|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18359.7|	-339.3|	0.0|	30826.7|	-3.0|	8.0|
| 12-14|	4214.9|	4714.0|	0.0|	6810.4|	-38.6|	-2.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1394.2|	0.0|	0.0|	1394.2|
| 12-14|si| 5|	Tz |	258.1|	-2.9|	0.0|	258.1|
| 6- 1|si| 9|	Ty |	1212.8|	0.0|	-1.6|	1212.8|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18476.5|	-266.2|	0.0|	30826.7|	-3.0|	1.7|
12-14	4099.8	5645.1	0.0	6810.4	-38.6	-7.2
8- 2	3649.5	129.3	0.0	5982.1	0.7	-10.9

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

6- 1 si 3 Sx	Si	1393.4	0.0	0.0	1393.4		
| 12-14|si| 5| Tz		265.0|	-3.1|	0.0|	265.1|		
| 8- 2|si| 9| Ty		235.6|	0.0|	2.2|	235.6|		

PROGR.

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	18443.4|	-193.0|	0.0|	30826.7|	-3.0|	-4.5|	
| 12-14|	3869.1|	6576.2|	0.0|	6810.4|	-38.6|	-12.0|	
| 8- 2|	3310.9|	112.1|	0.0|	5982.1|	0.7|	-17.2|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si|	1391.2|	0.0|	0.0|	1391.2|		
| 12-14|si| 5| Tz		273.0|	-3.3|	0.0|	273.1|		
| 8- 2|si| 9| Ty		235.5|	0.0|	3.4|	235.6|		

PROGR.

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	18259.4|	-119.9|	0.0|	30826.7|	-3.0|	-10.7|	
| 12-14|	3522.8|	7507.4|	0.0|	6810.4|	-38.6|	-16.7|	
| 8- 2|	2822.0|	94.9|	0.0|	5982.1|	0.7|	-23.4|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si|	1387.6|	0.0|	0.0|	1387.6|		
| 12-14|si| 5| Tz		282.1|	-3.5|	0.0|	282.2|		
| 8- 2|si| 9| Ty		235.5|	0.0|	4.6|	235.7|		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (614- 617) 969

PROGR.

0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	18259.4|	-119.9|	0.0|	23246.6|	-3.0|	11.9|	
| 12- 8|	3710.4|	-7025.0|	0.0|	5692.9|	-86.1|	17.2|	
| 7- 2|	3096.6|	7.4|	0.0|	5416.5|	-0.6|	25.1|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si|	1089.3|	0.0|	0.0|	1089.3|		
| 12- 8|si| 6| Tz		233.3|	-7.0|	0.0|	233.7|		
| 7- 2|si| 9| Ty		213.2|	0.0|	-4.9|	213.3|		

PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	18472.0|	-46.7|	0.0|	23246.6|	-3.0|	5.7|	
| 12- 8|	4067.4|	-4947.5|	0.0|	5692.9|	-86.1|	12.4|	
| 7- 2|	3626.2|	20.8|	0.0|	5416.5|	-0.6|	18.8|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si|	1089.3|	0.0|	0.0|	1089.3|		
| 12- 8|si| 6| Tz		216.9|	-6.8|	0.0|	217.3|		
| 7- 2|si| 9| Ty		213.2|	0.0|	-3.7|	213.3|		

PROGR.

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	18534.3|	26.4|	0.0|	23246.6|	-3.0|	-0.5|	
| 12- 8|	4308.8|	-2870.0|	0.0|	5692.9|	-86.1|	7.6|	
| 7- 2|	4005.6|	34.2|	0.0|	5416.5|	-0.6|	12.6|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si|	1089.4|	0.0|	0.0|	1089.4|		
| 12- 8|si| 6| Tz		201.6|	-6.6|	0.0|	202.0|		
| 7- 2|si| 9| Ty		213.2|	0.0|	-2.5|	213.2|		

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	18446.4|	99.6|	0.0|	23246.6|	-3.0|	-6.8|	
| 12- 8|	4434.6|	-792.5|	0.0|	5692.9|	-86.1|	2.8|	
| 5- 1|	18264.7|	97.0|	0.0|	22680.0|	-2.3|	-7.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si|	1090.5|	0.0|	0.0|	1090.5|		
| 12- 8|si| 6| Tz		187.4|	-6.4|	0.0|	187.7|		
| 5- 1|si| 9| Ty		892.7|	0.0|	1.4|	892.7|		

PROGR.

96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	18208.2|	172.7|	0.0|	23246.6|	-3.0|	-13.0|	
| 12- 6|	4114.1|	1262.5|	0.0|	4668.7|	-86.1|	-2.7|	
| 5- 1|	18020.8|	151.7|	0.0|	22680.0|	-2.3|	-13.2|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si|	1090.1|	0.0|	0.0|	1090.1|		
| 12- 6|si| 5| Tz		153.1|	-6.4|	0.0|	153.5|		
| 5- 1|si| 9| Ty		892.7|	0.0|	2.6|	892.7|		

PROGR.

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	17819.7|	245.9|	0.0|	23246.6|	-3.0|	-19.2|	
| 12- 6|	3990.8|	3339.4|	0.0|	4668.7|	-86.1|	-7.5|	
| 5- 1|	17626.7|	206.5|	0.0|	22680.0|	-2.3|	-19.5|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si|	1088.4|	0.0|	0.0|	1088.4|		
| 12- 6|si| 5| Tz		167.3|	-6.6|	0.0|	167.7|		
| 5- 1|si| 9| Ty		892.8|	0.0|	3.8|	892.8|		

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	17281.0|	319.0|	0.0|	23246.6|	-3.0|	-25.4|	

Copertura area carburante - Relazione di calcolo

| 12- 6|	3751.9|	5416.3|	0.0|	4668.7|	-86.1|	-12.3|
| 5- 1|	17082.3|	261.3|	0.0|	22680.0|	-2.3|	-25.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |Si |	1085.2|	0.0|	0.0|	1085.2|		
| 12- 6|si| 5| Tz |	182.5|	-6.8|	0.0|	182.9|		
| 5- 1|si| 9| Ty |	892.8|	0.0|	5.1|	892.9|		
----- PROGR. 169.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	16592.0|	392.2|	0.0|	23246.6|	-3.0|	-31.7|
| 12- 6|	3397.4|	7493.1|	0.0|	4668.7|	-86.1|	-17.1|
| 5- 1|	16387.6|	316.1|	0.0|	22680.0|	-2.3|	-31.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |Si |	1080.7|	0.0|	0.0|	1080.7|		
| 12- 6|si| 5| Tz |	198.9|	-7.0|	0.0|	199.3|		
| 5- 1|si| 9| Ty |	892.9|	0.0|	6.3|	893.0|		
----- PROGR. 193.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	15752.7|	465.3|	0.0|	23246.6|	-3.0|	-37.9|
| 12- 6|	2927.3|	9570.0|	0.0|	4668.7|	-86.1|	-21.9|
| 5- 1|	15542.7|	370.9|	0.0|	22680.0|	-2.3|	-38.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |Si |	1074.7|	0.0|	0.0|	1074.7|		
| 12- 6|si| 5| Tz |	216.4|	-7.2|	0.0|	216.7|		
| 5- 1|si| 9| Ty |	893.0|	0.0|	7.5|	893.1|		
----- PROGR. 193.						

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (617- 620) 972
----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	15542.7|	370.9|	0.0|	15872.0|	1.0|	-7.2|
| 12- 2|	2961.7|	8893.3|	0.0|	3631.2|	86.3|	11.0|
| 8- 2|	2776.2|	-42.8|	0.0|	3134.7|	-0.1|	15.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si |	780.1|	0.0|	0.0|	780.1|		
| 12- 2|si| 5| Tz |	171.0|	6.8|	0.0|	171.4|		
| 8- 2|si| 9| Ty |	123.3|	0.0|	-3.1|	123.4|		
----- PROGR. 24.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	15295.0|	347.7|	0.0|	15872.0|	1.0|	-13.4|
| 12- 2|	3169.0|	6812.0|	0.0|	3631.2|	86.3|	6.2|
| 6- 1|	15470.9|	436.3|	0.0|	15642.1|	1.2|	-14.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si |	777.1|	0.0|	0.0|	777.1|		
| 12- 2|si| 5| Tz |	155.9|	6.6|	0.0|	156.4|		
| 6- 1|si| 9| Ty |	616.1|	0.0|	2.9|	616.1|		
----- PROGR. 48.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14897.0|	324.5|	0.0|	15872.0|	1.0|	-19.6|
| 12- 2|	3260.7|	4730.6|	0.0|	3631.2|	86.3|	1.4|
| 6- 1|	15038.8|	407.2|	0.0|	15642.1|	1.2|	-21.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si |	772.8|	0.0|	0.0|	772.8|		
| 12- 2|si| 5| Tz |	142.0|	6.4|	0.0|	142.4|		
| 6- 1|si| 9| Ty |	616.0|	0.0|	4.1|	616.1|		
----- PROGR. 72.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14348.7|	301.3|	0.0|	15872.0|	1.0|	-25.8|
| 12-15|	3735.8|	-2555.9|	0.0|	3344.0|	-86.0|	-6.3|
| 6- 1|	14456.5|	378.1|	0.0|	15642.1|	1.2|	-27.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si |	767.1|	0.0|	0.0|	767.1|		
| 12-15|si| 5| Tz |	80.5|	-6.6|	0.0|	81.3|		
| 6- 1|si| 9| Ty |	616.0|	0.0|	5.4|	616.1|		
----- PROGR. 96.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	13650.1|	278.1|	0.0|	15872.0|	1.0|	-32.1|
| 12-15|	3525.2|	-481.7|	0.0|	3344.0|	-86.0|	-11.1|
| 6- 1|	13723.9|	349.0|	0.0|	15642.1|	1.2|	-33.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si |	759.9|	0.0|	0.0|	759.9|		
| 12-15|si| 5| Tz |	95.5|	-6.8|	0.0|	96.2|		
| 6- 1|si| 9| Ty |	616.0|	0.0|	6.6|	616.1|		
----- PROGR. 121.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12801.3|	255.0|	0.0|	15872.0|	1.0|	-38.3|
| 12-15|	3199.1|	1592.4|	0.0|	3344.0|	-86.0|	-15.9|
| 6- 1|	12841.0|	319.9|	0.0|	15642.1|	1.2|	-39.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si |	751.3|	0.0|	0.0|	751.3|		
| 12-15|si| 5| Tz |	111.6|	-6.9|	0.0|	112.2|		
| 6- 1|si| 9| Ty |	615.9|	0.0|	7.8|	616.1|		
----- PROGR. 121.						

Copertura area carburante - Relazione di calcolo

----- PROGR. 145.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	11802.2	231.8	0.0	15872.0	1.0	-44.5	
12-15	2757.4	3666.6	0.0	3344.0	-86.0	-20.7	
6- 1	11807.8	290.8	0.0	15642.1	1.2	-45.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	0.0	0.0	741.4
12-15	|si	5	Tz		128.8	-7.1	0.0
6- 1	|si	9	Ty		615.9	0.0	9.1

----- PROGR. 169.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	10652.9	208.6	0.0	15872.0	1.0	-50.8	
12-15	2200.1	5740.8	0.0	3344.0	-86.0	-25.5	
6- 1	10624.4	261.8	0.0	15642.1	1.2	-52.2	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	730.0	0.0	0.0
12-15	|si	5	Tz		147.0	-7.3	0.0
6- 1	|si	9	Ty		615.9	0.0	10.3

----- PROGR. 193.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	9353.3	185.4	0.0	15872.0	1.0	-57.0	
12-15	1527.2	7814.9	0.0	3344.0	-86.0	-30.3	
6- 1	9290.7	232.7	0.0	15642.1	1.2	-58.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	717.2	0.0	0.0
12-15	|si	5	Tz		166.3	-7.5	0.0
6- 1	|si	9	Ty		615.8	0.0	11.5

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEAL20_S011 (11) stato limite ultimo - ASTA (574- 604) 1020
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	-3232.0	-2.3	67.4	
12- 9	0.0	0.0	0.0	-157.9	-79.3	26.0	
5- 1	0.0	0.0	0.0	-2778.4	-2.1	68.2	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	Sx	Si	-127.2	0.0	0.0
12- 9	|si	6	Tz		-6.2	-6.9	0.0
5- 1	|si	9	Ty		-109.3	0.0	-13.4
6- 1	|si	9	Si		-127.2	0.0	-13.3

----- PROGR. 24.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	1550.1	54.7	0.0	-3232.0	-2.3	61.1	
12- 9	569.9	1912.8	0.0	-157.9	-79.3	21.2	
5- 1	1569.7	50.8	0.0	-2778.4	-2.1	62.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-143.2	0.0	0.0
12- 9	|si	6	Tz		-23.6	-6.7	0.0
5- 1	|si	9	Ty		-109.3	0.0	-12.2

----- PROGR. 48.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	2949.9	109.4	0.0	-3232.0	-2.3	54.9	
12- 9	1024.3	3825.7	0.0	-157.9	-79.3	16.4	
5- 1	2989.1	101.6	0.0	-2778.4	-2.1	55.7	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-157.7	0.0	0.0
12- 9	|si	6	Tz		-39.8	-6.5	0.0
5- 1	|si	9	Ty		-109.2	0.0	-11.0

----- PROGR. 72.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 7	1324.6	-5648.0	0.0	-1075.4	78.0	11.1	
12- 9	1363.1	5738.5	0.0	-157.9	-79.3	11.6	
5- 1	4258.3	152.4	0.0	-2778.4	-2.1	49.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	|si	1	Sx	Si	-201.5	0.0	0.0
12- 9	|si	6	Tz		-55.0	-6.3	0.0
5- 1	|si	9	Ty		-109.2	0.0	-9.8

----- PROGR. 96.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 7	1535.0	-7530.7	0.0	-1075.4	78.0	6.3	
12- 9	1586.2	7651.4	0.0	-157.9	-79.3	6.9	
5- 1	5377.2	203.2	0.0	-2778.4	-2.1	43.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	|si	1	Sx	Si	-252.4	0.0	0.0
12- 9	|si	6	Tz		-69.1	-6.1	0.0
5- 1	|si	9	Ty		-109.1	0.0	-8.5

----- PROGR. 121.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 7	1629.7	-9413.3	0.0	-1075.4	78.0	1.5	
12- 9	1693.8	9564.2	0.0	-157.9	-79.3	2.1	
5- 1	6345.8	254.0	0.0	-2778.4	-2.1	37.0	

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 1|Sx | Si | -302.2| 0.0| 0.0| 302.2|
| 12- 9|si| 6| Tz | | -82.2| -5.9| 0.0| 82.8|
| 5- 1|si| 9| Ty | | -109.1| 0.0| -7.3| 109.8|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| 1608.9| -11296.0| 0.0| -1075.4| 78.0| -3.3|
| 12-11| 1471.3| 11411.9| 0.0| -1008.2| -78.8| -4.2|
| 5- 1| 7164.2| 304.7| 0.0| -2778.4| -2.1| 30.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 1|Sx | Si | -350.9| 0.0| 0.0| 350.9|
| 12-11|si| 5| Tz | | 18.2| -6.0| 0.0| 20.9|
| 5- 1|si| 9| Ty | | -109.0| 0.0| -6.1| 109.5|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| 1472.5| -13178.7| 0.0| -1075.4| 78.0| -8.1|
| 12-11| 1312.0| 13313.9| 0.0| -1008.2| -78.8| -9.0|
| 5- 1| 7832.2| 355.5| 0.0| -2778.4| -2.1| 24.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 1|Sx | Si | -398.5| 0.0| 0.0| 398.5|
| 12-11|si| 5| Tz | | 31.6| -6.1| 0.0| 33.4|
| 5- 1|si| 9| Ty | | -109.0| 0.0| -4.8| 109.3|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7| 1220.5| -15061.3| 0.0| -1075.4| 78.0| -12.8|
| 12-11| 1037.1| 15215.8| 0.0| -1008.2| -78.8| -13.8|
| 7- 2| 332.8| -1.5| 0.0| -1694.4| 0.0| -23.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 1|Sx | Si | -445.1| 0.0| 0.0| 445.1|
| 12-11|si| 5| Tz | | 46.1| -6.3| 0.0| 47.4|
| 7- 2|si| 9| Ty | | -66.7| 0.0| 4.6| 67.2|
-----
PROGR. 193.

VERIFICA STABILITA' :
|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Casol2- 7 - Nodo 1 - Asse Y
Ned = -1075.4|Mzeq = 1594.8|Myeq = -11296.0|Ss = -371.3 ( 0.142)

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 620- 623) 1023
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PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| 1373.8| -7823.3| 0.0| -455.1| -40.5| 12.0|
| 12- 3| 1349.4| -7810.8| 0.0| -336.6| -40.5| 12.2|
| 5- 1| 9353.3| 185.4| 0.0| -1385.4| 1.0| -23.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 1|Sx | Si | -234.1| 0.0| 0.0| 234.1|
| 12- 3|si| 6| Tz | | 23.1| -3.5| 0.0| 23.9|
| 5- 1|si| 9| Ty | | -54.3| 0.0| 4.6| 54.9|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| 1606.6| -6845.4| 0.0| -455.1| -40.5| 7.3|
| 12- 3| 1585.3| -6834.5| 0.0| -336.6| -40.5| 7.4|
| 5- 1| 8710.0| 162.3| 0.0| -1385.4| 1.0| -29.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 1|Sx | Si | -210.8| 0.0| 0.0| 210.8|
| 12- 3|si| 6| Tz | | 14.8| -3.3| 0.0| 15.8|
| 5- 1|si| 9| Ty | | -54.3| 0.0| 5.9| 55.3|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| 1723.9| -5867.5| 0.0| -455.1| -40.5| 2.5|
| 12- 3| 1705.6| -5858.1| 0.0| -336.6| -40.5| 2.6|
| 5- 1| 7916.6| 139.1| 0.0| -1385.4| 1.0| -36.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 1|Sx | Si | -186.5| 0.0| 0.0| 186.5|
| 12- 3|si| 6| Tz | | 7.5| -3.1| 0.0| 9.2|
| 5- 1|si| 9| Ty | | -54.4| 0.0| 7.1| 55.7|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| 1725.6| -4889.6| 0.0| -455.1| -40.5| -2.3|
| 12-14| 1842.9| 4917.7| 0.0| -354.5| 40.8| -3.3|
| 5- 1| 6972.8| 115.9| 0.0| -1385.4| 1.0| -42.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 1|Sx | Si | -161.1| 0.0| 0.0| 161.1|
| 12-14|si| 6| Tz | | -62.1| 3.1| 0.0| 62.4|
| 5- 1|si| 9| Ty | | -54.4| 0.0| 8.3| 56.3|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| 1611.6| -3911.7| 0.0| -455.1| -40.5| -7.1|
| 12-14| 1705.5| 3934.1| 0.0| -354.5| 40.8| -8.1|
| 5- 1| 5878.8| 92.7| 0.0| -1385.4| 1.0| -48.5|

TENSIONI (Sz= 0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	|si	1	Sx	Si	-134.7	0.0	134.7
12-14	|si	6	Tz		-54.7	3.3	55.0
5- 1	|si	9	Ty		-54.4	0.0	56.9

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 1	1382.1	-2933.7	0.0	-455.1	-40.5	-11.9
12-14	1452.5	2950.6	0.0	-354.5	40.8	-12.9
5- 1	4634.5	69.5	0.0	-1385.4	1.0	-54.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	|si	1	Sx	Si	-107.1	0.0	107.1
12-14	|si	6	Tz		-46.1	3.5	46.5
5- 1	|si	9	Ty		-54.4	0.0	57.6

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	3224.3	58.2	0.0	-1503.8	1.2	-60.6
12-14	1083.9	1967.1	0.0	-354.5	40.8	-17.7
5- 1	3239.9	46.4	0.0	-1385.4	1.0	-60.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-90.9	0.0	90.9
12-14	|si	6	Tz		-36.5	3.7	37.0
5- 1	|si	9	Ty		-54.5	0.0	58.3

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1687.3	29.1	0.0	-1503.8	1.2	-66.8
12-14	599.8	983.5	0.0	-354.5	40.8	-22.5
5- 1	1695.1	23.2	0.0	-1385.4	1.0	-67.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-75.8	0.0	75.8
12-14	|si	6	Tz		-25.8	3.9	26.6
5- 1	|si	9	Ty		-54.5	0.0	59.1

PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1503.8	1.2	-73.1
12-14	0.0	0.0	0.0	-354.5	40.8	-27.3
5- 1	0.0	0.0	0.0	-1385.4	1.0	-73.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	Sx	Si	-59.2	0.0	59.2
12-14	|si	6	Tz		-14.0	4.1	15.6
5- 1	|si	9	Ty		-54.5	0.0	60.0
6- 1	|si	9	Si		-59.2	0.0	64.2

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso12- 1 - Nodo 1 - Asse Y
 Ned = -455.1|Mzeq = 1694.4|Myeq = -5867.5|Ss = -194.4 (0.074)

P_HEA120_S011 (11) stato limite ultimo - ASTA (644- 645) 1045
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	9783.6	-25.9	0.0	16419.8	0.1	58.4
12- 5	1597.4	-15209.5	0.0	3448.4	-120.0	29.9
5- 1	9734.8	-48.8	0.0	16282.3	0.3	59.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	738.6	0.0	738.6
12- 5	|si	6	Tz		216.2	-10.0	216.9
5- 1	|si	9	Ty		640.7	0.0	641.0

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	11117.4	-29.2	0.0	16419.8	0.1	52.2
12- 5	2260.8	-12315.0	0.0	3448.4	-120.0	25.1
5- 1	11094.3	-54.9	0.0	16282.3	0.3	53.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	751.2	0.0	751.2
12- 5	|si	6	Tz		191.8	-9.8	192.6
5- 1	|si	9	Ty		640.7	0.0	641.0

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	12301.0	-32.4	0.0	16419.8	0.1	45.9
12- 5	2808.7	-9420.4	0.0	3448.4	-120.0	20.3
5- 1	12303.6	-61.0	0.0	16282.3	0.3	47.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	762.4	0.0	762.4
12- 5	|si	6	Tz		168.5	-9.6	169.3
5- 1	|si	9	Ty		640.7	0.0	640.9

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	13334.3	-35.7	0.0	16419.8	0.1	39.7
12- 5	3240.9	-6525.8	0.0	3448.4	-120.0	15.5
5- 1	13362.6	-67.1	0.0	16282.3	0.3	40.8

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 3	Sx	Si	772.2	0.0	0.0	772.2
12- 5	|si| 6	Tz		146.3	-9.4	0.0	147.2
5- 1	|si| 9	Ty		640.7	0.0	-8.0	640.9

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	14217.3	-38.9	0.0	16419.8	0.1
12- 5	|	3557.6	-3631.3	0.0	3448.4	-120.0
5- 1	|	14271.4	-73.2	0.0	16282.3	0.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 3	Sx	Si	780.6	0.0	0.0	780.6
12- 5	|si| 6	Tz		125.1	-9.2	0.0	126.2
5- 1	|si| 9	Ty		640.7	0.0	-6.8	640.8

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	14950.1	-42.2	0.0	16419.8	0.1
12- 5	|	3758.7	-736.7	0.0	3448.4	-120.0
5- 1	|	15029.9	-79.3	0.0	16282.3	0.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 3	Sx	Si	787.5	0.0	0.0	787.5
12- 5	|si| 6	Tz		105.1	-9.0	0.0	106.2
5- 1	|si| 9	Ty		640.7	0.0	-5.6	640.8

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	15532.6	-45.4	0.0	16419.8	0.1
12-12	|	3415.3	-2189.3	0.0	3880.5	120.1
5- 1	|	15638.1	-85.4	0.0	16282.3	0.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 3	Sx	Si	793.1	0.0	0.0	793.1
12-12	|si| 6	Tz		134.4	8.9	0.0	135.3
5- 1	|si| 9	Ty		640.7	0.0	-4.4	640.7

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	15964.8	-48.6	0.0	16419.8	0.1
12-12	|	3327.3	-5086.1	0.0	3880.5	120.1
5- 1	|	16096.0	-91.5	0.0	16282.3	0.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 3	Sx	Si	797.2	0.0	0.0	797.2
12-12	|si| 6	Tz		153.4	9.1	0.0	154.2
5- 1	|si| 9	Ty		640.7	0.0	-3.1	640.7

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	16246.8	-51.9	0.0	16419.8	0.1
12-12	|	3123.6	-7982.9	0.0	3880.5	120.1
7- 2	|	2459.8	-266.2	0.0	3557.8	0.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 3	Sx	Si	799.9	0.0	0.0	799.9
12-12	|si| 6	Tz		173.5	9.2	0.0	174.3
7- 2	|si| 9	Ty		139.7	0.0	3.6	139.9

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEA120_S011 (11) stato limite ultimo - ASTA (645- 648) 1047
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	16403.7	-97.6	0.0	24095.4	-0.9
12-16	|	3103.4	-8675.8	0.0	4857.7	-29.5
6- 1	|	16246.8	-51.9	0.0	23574.0	-0.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 3	Sx	Si	1104.7	0.0	0.0	1104.7
12-16	|si| 6	Tz		216.5	-3.0	0.0	216.6
6- 1	|si| 9	Ty		927.7	0.0	-7.4	927.8

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	17237.3	-75.0	0.0	24095.4	-0.9
12-16	|	3565.3	-7963.2	0.0	4857.7	-29.5
6- 1	|	17081.9	-44.4	0.0	23574.0	-0.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 3	Sx	Si	1111.9	0.0	0.0	1111.9
12-16	|si| 6	Tz		207.7	-2.8	0.0	207.8
6- 1	|si| 9	Ty		927.7	0.0	-6.2	927.8

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	17920.6	-52.5	0.0	24095.4	-0.9
12-16	|	3911.7	-7250.5	0.0	4857.7	-29.5
6- 1	|	17766.7	-36.8	0.0	23574.0	-0.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 3	Sx	Si	1117.7	0.0	0.0	1117.7
12-16	si 6	Tz		200.0	-2.6	0.0	200.1
6- 1	si 9	Ty		927.7	0.0	-5.0	927.7

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

5- 1	18453.6	-29.9	0.0	24095.4	-0.9	19.0
| 12-16|	4142.5|	-6537.9|	0.0|	4857.7|	-29.5|	7.2|
| 6- 1|	18301.2|	-29.3|	0.0|	23574.0|	-0.3|	19.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	1122.1|	0.0|	0.0|	1122.1|
| 12-16|si| 6|	Tz |	193.4|	-2.5|	0.0|	193.4|
| 6- 1|si| 9|	Ty |	927.7|	0.0|	-3.8|	927.7|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18836.4|	-7.3|	0.0|	24095.4|	-0.9|	12.8|
| 12-16|	4257.7|	-5825.2|	0.0|	4857.7|	-29.5|	2.4|
| 6- 1|	18685.5|	-21.8|	0.0|	23574.0|	-0.3|	12.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	1125.1|	0.0|	0.0|	1125.1|
| 12-16|si| 6|	Tz |	187.8|	-2.3|	0.0|	187.8|
| 6- 1|si| 9|	Ty |	927.7|	0.0|	-2.5|	927.7|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19068.9|	15.3|	0.0|	24095.4|	-0.9|	6.5|
| 12- 1|	4626.5|	5122.3|	0.0|	5980.0|	29.2|	-4.2|
| 6- 1|	18919.5|	-14.3|	0.0|	23574.0|	-0.3|	6.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1127.5|	0.0|	0.0|	1127.5|
| 12- 1|si| 6|	Tz |	159.8|	2.3|	0.0|	159.8|
| 6- 1|si| 9|	Ty |	927.7|	0.0|	-1.3|	927.7|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19151.1|	37.9|	0.0|	24095.4|	-0.9|	0.3|
| 12- 1|	4467.3|	4418.8|	0.0|	5980.0|	29.2|	-9.0|
| 8- 2|	3694.8|	-56.4|	0.0|	4277.2|	-2.0|	-12.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1128.9|	0.0|	0.0|	1128.9|
| 12- 1|si| 6|	Tz |	165.7|	2.5|	0.0|	165.7|
| 8- 2|si| 9|	Ty |	168.3|	0.0|	2.4|	168.3|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19083.1|	60.4|	0.0|	24095.4|	-0.9|	-5.9|
| 12- 1|	4192.6|	3715.3|	0.0|	5980.0|	29.2|	-13.8|
| 8- 2|	3331.1|	-8.8|	0.0|	4277.2|	-2.0|	-18.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1128.8|	0.0|	0.0|	1128.8|
| 12- 1|si| 6|	Tz |	172.7|	2.7|	0.0|	172.7|
| 8- 2|si| 9|	Ty |	168.3|	0.0|	3.6|	168.4|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18864.8|	83.0|	0.0|	24095.4|	-0.9|	-12.2|
| 12- 1|	3802.2|	3011.8|	0.0|	5980.0|	29.2|	-18.6|
| 8- 2|	2817.2|	38.9|	0.0|	4277.2|	-2.0|	-24.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1127.4|	0.0|	0.0|	1127.4|
| 12- 1|si| 6|	Tz |	180.8|	2.9|	0.0|	180.8|
| 8- 2|si| 9|	Ty |	168.4|	0.0|	4.8|	168.6|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEA120_S011 (11) stato limite ultimo - ASTA (648- 650) 1049
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18864.8|	83.0|	0.0|	31780.5|	-0.9|	10.4|
| 12-16|	3562.6|	-2974.7|	0.0|	6715.6|	-30.3|	17.0|
| 7- 2|	2575.6|	-85.7|	0.0|	5200.4|	-0.9|	25.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1429.8|	0.0|	0.0|	1429.8|
| 12-16|si| 6|	Tz |	249.5|	-2.9|	0.0|	249.6|
| 7- 2|si| 9|	Ty |	204.6|	0.0|	-5.0|	204.7|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19041.2|	105.6|	0.0|	31780.5|	-0.9|	4.2|
| 12-16|	3914.0|	-2244.7|	0.0|	6715.6|	-30.3|	12.2|
| 7- 2|	3106.2|	-63.2|	0.0|	5200.4|	-0.9|	18.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1432.1|	0.0|	0.0|	1432.1|
| 12-16|si| 6|	Tz |	241.7|	-2.7|	0.0|	241.7|
| 7- 2|si| 9|	Ty |	204.6|	0.0|	-3.7|	204.7|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19067.2|	128.2|	0.0|	31780.5|	-0.9|	-2.0|
| 12-16|	4149.7|	-1514.8|	0.0|	6715.6|	-30.3|	7.4|
| 7- 2|	3486.5|	-40.6|	0.0|	5200.4|	-0.9|	12.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	1432.9|	0.0|	0.0|	1432.9|
12-16 si 6	Tz	234.9	-2.5	0.0	234.9

Copertura area carburante - Relazione di calcolo

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| 7- 2|si| 9| Ty | 204.6| 0.0| -2.5| 204.7|
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SOLLECITAZIONI :

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| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18943.1| 150.8| 0.0| 31780.5| -0.9| -8.3|
| 12-16| 4269.8| -784.9| 0.0| 6715.6| -30.3| 2.6|

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TENSIONI (Sz= 0.00) :

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1432.3| 0.0| 0.0| 1432.3|
| 12-16|si| 6| Tz | 229.2| -2.3| 0.0| 229.2|
| 5- 1|si| 9| Ty | 1250.9| 0.0| 1.6| 1250.9|
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PROGR. 96.

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SOLLECITAZIONI :

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```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18668.6| 173.4| 0.0| 31780.5| -0.9| -14.5|
| 12- 1| 4408.5| 128.6| 0.0| 7504.5| 29.9| -3.3|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1430.3| 0.0| 0.0| 1430.3|
| 12- 1|si| 6| Tz | 253.2| 2.3| 0.0| 253.2|
| 5- 1|si| 9| Ty | 1250.9| 0.0| 2.9| 1250.9|
-----

```

```

PROGR. 121.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18243.9| 195.9| 0.0| 31780.5| -0.9| -20.7|
| 12- 1| 4271.1| -592.1| 0.0| 7504.5| 29.9| -8.1|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1426.9| 0.0| 0.0| 1426.9|
| 12- 1|si| 6| Tz | 259.0| 2.5| 0.0| 259.0|
| 5- 1|si| 9| Ty | 1250.9| 0.0| 4.1| 1250.9|
-----

```

```

PROGR. 145.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17668.9| 218.5| 0.0| 31780.5| -0.9| -26.9|
| 12- 1| 4018.1| -1312.9| 0.0| 7504.5| 29.9| -12.9|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1422.1| 0.0| 0.0| 1422.1|
| 12- 1|si| 6| Tz | 265.9| 2.7| 0.0| 265.9|
| 5- 1|si| 9| Ty | 1250.9| 0.0| 5.3| 1251.0|
-----

```

```

PROGR. 169.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16943.6| 241.1| 0.0| 31780.5| -0.9| -33.2|
| 12- 1| 3649.5| -2033.7| 0.0| 7504.5| 29.9| -17.7|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1415.9| 0.0| 0.0| 1415.9|
| 12- 1|si| 6| Tz | 273.9| 2.9| 0.0| 273.9|
| 5- 1|si| 9| Ty | 1251.0| 0.0| 6.5| 1251.0|
-----

```

```

PROGR. 193.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16068.1| 263.7| 0.0| 31780.5| -0.9| -39.4|
| 12- 1| 3165.3| -2754.5| 0.0| 7504.5| 29.9| -22.5|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1408.3| 0.0| 0.0| 1408.3|
| 12- 1|si| 6| Tz | 282.9| 3.1| 0.0| 283.0|
| 5- 1|si| 9| Ty | 1251.0| 0.0| 7.8| 1251.1|
-----

```

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

```

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 650- 652) 1051
-----
PROGR. 0.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16068.1| 263.7| 0.0| 32580.8| 1.6| 41.8|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1439.8| 0.0| 0.0| 1439.8|
| 5- 1|si| 5| Tz | 1133.1| 1.8| 0.0| 1133.1|
| 5- 1|si| 9| Ty | 1282.5| 0.0| -8.2| 1282.6|
-----

```

```

PROGR. 24.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17000.8| 225.6| 0.0| 32580.8| 1.6| 35.5|
| 12- 9| 3660.4| 2558.5| 0.0| 7398.3| 11.3| 17.7|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1447.5| 0.0| 0.0| 1447.5|
| 12- 9|si| 5| Tz | 272.9| 1.5| 0.0| 272.9|
| 5- 1|si| 9| Ty | 1282.4| 0.0| -7.0| 1282.5|
-----

```

```

PROGR. 48.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17783.3| 187.5| 0.0| 32580.8| 1.6| 29.3|
| 12- 9| 4029.0| 2284.9| 0.0| 7398.3| 11.3| 12.9|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 1453.9| 0.0| 0.0| 1453.9|
| 12- 9|si| 5| Tz | 267.7| 1.3| 0.0| 267.7|
| 5- 1|si| 9| Ty | 1282.4| 0.0| -5.8| 1282.4|
-----

```

```

PROGR. 72.

```

```

SOLLECITAZIONI :

```

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18415.5| 149.4| 0.0| 32580.8| 1.6| 23.1|
| 12- 9| 4282.0| 2011.3| 0.0| 7398.3| 11.3| 8.1|

```

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1458.8	0.0	0.0	1458.8
12- 9	si	5	Tz		263.6	1.2	0.0	263.6
5- 1	si	9	Ty		1282.4	0.0	-4.6	1282.4
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	18897.4	111.4	0.0	32580.8	1.6	16.9
12- 9	4419.4	1737.6	0.0	7398.3	11.3	3.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1462.4	0.0	0.0	1462.4
12- 9	si	5	Tz		260.6	1.0	0.0	260.6
5- 1	si	9	Ty		1282.3	0.0	-3.3	1282.3
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19229.0	73.3	0.0	32580.8	1.6	10.6
12-11	4383.2	1500.4	0.0	7213.6	11.4	-1.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1464.5	0.0	0.0	1464.5
12-11	si	6	Tz		233.3	0.9	0.0	233.4
5- 1	si	9	Ty		1282.3	0.0	-2.1	1282.3
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19410.4	35.2	0.0	32580.8	1.6	4.4
12-11	4285.4	1225.3	0.0	7213.6	11.4	-6.4
7- 2	3733.2	44.8	0.0	5919.2	0.3	-10.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	1465.2	0.0	0.0	1465.2
12-11	si	6	Tz		236.0	1.1	0.0	236.0
7- 2	si	9	Ty		233.0	0.0	2.2	233.0
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19441.5	-2.9	0.0	32580.8	1.6	-1.8
12-11	4072.1	950.2	0.0	7213.6	11.4	-11.2
7- 2	3394.0	36.5	0.0	5919.2	0.3	-17.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1464.6	0.0	0.0	1464.6
12-11	si	6	Tz		239.7	1.3	0.0	239.7
7- 2	si	9	Ty		233.0	0.0	3.4	233.1
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19322.4	-41.0	0.0	32580.8	1.6	-8.1
12-11	3743.1	675.2	0.0	7213.6	11.4	-16.0
7- 2	2904.6	28.2	0.0	5919.2	0.3	-23.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1464.5	0.0	0.0	1464.5
12-11	si	6	Tz		244.5	1.5	0.0	244.5
7- 2	si	9	Ty		233.0	0.0	4.6	233.1

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (652- 654) 1053
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19322.4	-41.0	0.0	25720.3	1.6	10.4
12-11	3743.1	675.2	0.0	5865.5	10.7	18.5
7- 2	2904.6	28.2	0.0	4841.9	0.3	24.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1194.5	0.0	0.0	1194.5
12-11	si	5	Tz		200.0	1.5	0.0	200.0
7- 2	si	9	Ty		190.6	0.0	-4.9	190.8
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19497.6	-79.1	0.0	25720.3	1.6	4.1
12-11	4132.0	417.4	0.0	5865.5	10.7	13.7
7- 2	3429.7	19.9	0.0	4841.9	0.3	18.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1197.2	0.0	0.0	1197.2
12-11	si	5	Tz		194.7	1.3	0.0	194.7
7- 2	si	9	Ty		190.6	0.0	-3.7	190.7
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19522.5	-117.2	0.0	25720.3	1.6	-2.1
12-11	4405.2	159.6	0.0	5865.5	10.7	8.9
7- 2	3804.5	11.5	0.0	4841.9	0.3	12.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1198.4	0.0	0.0	1198.4
12-11	si	5	Tz		190.5	1.1	0.0	190.5
7- 2	si	9	Ty		190.6	0.0	-2.4	190.6
 ----- PROGR. 72.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 19397.2 | -155.2 | 0.0 | 25720.3 | 1.6 | -8.3 |

Copertura area carburante - Relazione di calcolo

```

| 12-11|      4562.9|    -98.2|      0.0|    5865.5|     10.7|     4.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|    1198.2|      0.0|      0.0|    1198.2|
| 12-11|si| 5|  Tz |      187.4|      0.9|      0.0|     187.4|
| 5- 1|si| 9|   Ty |     1012.0|      0.0|      1.6|    1012.0|
-----

```

96.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|    19121.6|   -193.3|      0.0|  25720.3|      1.6|   -14.5|
| 12- 6|    4510.1|     240.3|      0.0|   5872.2|     -9.9|    -2.8|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|    1196.6|      0.0|      0.0|    1196.6|
| 12- 6|si| 5|  Tz |     190.3|     -0.8|      0.0|     190.3|
| 5- 1|si| 9|   Ty |     1012.0|      0.0|      2.9|    1012.0|
-----

```

121.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|    18695.7|   -231.4|      0.0|  25720.3|      1.6|   -20.8|
| 12- 6|    4384.3|     479.3|      0.0|   5872.2|     -9.9|    -7.6|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|    1193.6|      0.0|      0.0|    1193.6|
| 12- 6|si| 5|  Tz |     193.0|     -1.0|      0.0|     193.0|
| 5- 1|si| 9|   Ty |     1012.0|      0.0|      4.1|    1012.0|
-----

```

145.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|    18119.5|   -269.5|      0.0|  25720.3|      1.6|   -27.0|
| 12- 6|    4142.9|     718.3|      0.0|   5872.2|     -9.9|   -12.4|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|    1189.2|      0.0|      0.0|    1189.2|
| 12- 6|si| 5|  Tz |     196.7|     -1.2|      0.0|     196.8|
| 5- 1|si| 9|   Ty |     1011.9|      0.0|      5.3|    1012.0|
-----

```

169.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|    17393.1|   -307.6|      0.0|  25720.3|      1.6|   -33.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|    1183.4|      0.0|      0.0|    1183.4|
| 5- 1|si| 6|  Tz |     851.0|      1.4|      0.0|     851.0|
| 5- 1|si| 9|   Ty |     1011.9|      0.0|      6.6|    1011.9|
-----

```

193.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|    16516.4|   -345.7|      0.0|  25720.3|      1.6|   -39.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|    1176.1|      0.0|      0.0|    1176.1|
| 5- 1|si| 6|  Tz |     859.4|      1.7|      0.0|     859.4|
| 5- 1|si| 9|   Ty |     1011.8|      0.0|      7.8|    1011.9|
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

P_HEA120_S011 ( 11)      stato limite ultimo - ASTA ( 654- 656) 1055
-----

```

0.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|    16508.4|   -243.7|      0.0|  12702.9|     -0.6|   -18.7|
| 5- 1|    16516.4|   -345.7|      0.0|  12457.6|     -0.9|   -19.4|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si|     661.1|      0.0|      0.0|     661.1|
| 5- 1|si| 5|  Tz |     333.2|     -0.8|      0.0|     333.2|
| 5- 1|si| 9|   Ty |     489.9|      0.0|      3.8|     489.9|
-----

```

24.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|    15982.0|   -228.5|      0.0|  12702.9|     -0.6|   -24.9|
| 5- 1|    15972.3|   -324.1|      0.0|  12457.6|     -0.9|   -25.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si|     655.8|      0.0|      0.0|     655.8|
| 5- 1|si| 5|  Tz |     338.4|     -1.1|      0.0|     338.4|
| 5- 1|si| 9|   Ty |     489.9|      0.0|      5.1|     490.0|
-----

```

48.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|    15305.2|   -213.2|      0.0|  12702.9|     -0.6|   -31.2|
| 5- 1|    15277.8|   -302.4|      0.0|  12457.6|     -0.9|   -31.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si|     649.0|      0.0|      0.0|     649.0|
| 5- 1|si| 5|  Tz |     345.0|     -1.3|      0.0|     345.1|
| 5- 1|si| 9|   Ty |     489.9|      0.0|      6.3|     490.1|
-----

```

72.

SOLLECITAZIONI

```

:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|    14478.2|   -198.0|      0.0|  12702.9|     -0.6|   -37.4|
| 5- 1|    14433.1|   -280.8|      0.0|  12457.6|     -0.9|   -38.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si|     640.9|      0.0|      0.0|     640.9|
| 5- 1|si| 5|  Tz |     353.1|     -1.6|      0.0|     353.1|
| 5- 1|si| 9|   Ty |     490.0|      0.0|      7.5|     490.1|
-----

```

96.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	13500.9|	-182.8|	0.0|	12702.9|	-0.6|	-43.6|		
| 5- 1|	13438.0|	-259.2|	0.0|	12457.6|	-0.9|	-44.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 3|Sx	Si|	631.3|	0.0|	0.0|	631.3|		
| 5- 1|	si| 5| Tz		362.6|	-1.8|	0.0|	362.6|		
| 5- 1|	si| 9| Ty		490.0|	0.0|	8.7|	490.2|		
							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	12373.3|	-167.5|	0.0|	12702.9|	-0.6|	-49.9|		
| 5- 1|	12292.8|	-237.6|	0.0|	12457.6|	-0.9|	-50.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 3|Sx	Si|	620.3|	0.0|	0.0|	620.3|		
| 5- 1|	si| 5| Tz		373.5|	-2.1|	0.0|	373.5|		
| 5- 1|	si| 9| Ty		490.0|	0.0|	10.0|	490.3|		
							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	11095.5|	-152.3|	0.0|	12702.9|	-0.6|	-56.1|		
| 5- 1|	10997.2|	-216.0|	0.0|	12457.6|	-0.9|	-56.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 3|Sx	Si|	608.0|	0.0|	0.0|	608.0|		
| 5- 1|	si| 5| Tz		385.7|	-2.3|	0.0|	385.8|		
| 5- 1|	si| 9| Ty		490.0|	0.0|	11.2|	490.4|		
							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	9667.4|	-137.1|	0.0|	12702.9|	-0.6|	-62.3|		
| 5- 1|	9551.4|	-194.4|	0.0|	12457.6|	-0.9|	-63.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 3|Sx	Si|	594.2|	0.0|	0.0|	594.2|		
| 5- 1|	si| 5| Tz		399.4|	-2.6|	0.0|	399.5|		
| 5- 1|	si| 9| Ty		490.1|	0.0|	12.4|	490.5|		
							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	8089.1|	-121.8|	0.0|	12702.9|	-0.6|	-68.5|		
| 5- 1|	7955.3|	-172.8|	0.0|	12457.6|	-0.9|	-69.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 3|Sx	Si|	579.0|	0.0|	0.0|	579.0|		
| 5- 1|	si| 5| Tz		414.6|	-2.8|	0.0|	414.6|		
| 5- 1|	si| 9| Ty		490.1|	0.0|	13.7|	490.6|		
							PROGR.	
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (329- 338)						609	
							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	10910.4|	0.0|	9.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 1|Sx	Si|	1135.1|	0.0|	0.0|	1135.1|		
							PROGR.	27.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	219.6|	0.0|	0.0|	10909.3|	0.0|	7.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 7|Sx	Si|	1149.1|	0.0|	0.0|	1149.1|		
							PROGR.	53.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	376.4|	0.0|	0.0|	10908.3|	0.0|	4.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 7|Sx	Si|	1159.0|	0.0|	0.0|	1159.0|		
							PROGR.	80.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	470.6|	0.0|	0.0|	10907.2|	0.0|	2.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 7|Sx	Si|	1164.9|	0.0|	0.0|	1164.9|		
							PROGR.	106.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	501.9|	0.0|	0.0|	10906.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 7|Sx	Si|	1166.8|	0.0|	0.0|	1166.8|		
							PROGR.	133.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	470.6|	0.0|	0.0|	10905.0|	0.0|	-2.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|	si| 7|Sx	Si|	1164.7|	0.0|	0.0|	1164.7|		
							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	376.4|	0.0|	0.0|	10904.0|	0.0|	-4.7|		

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1158.6| 0.0| 0.0| 1158.6|
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 10902.9| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1148.4| 0.0| 0.0| 1148.4|
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 10901.8| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 1134.3| 0.0| 0.0| 1134.3|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (330- 339) 611
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 6517.2| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 678.1| 0.0| 0.0| 678.1|
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 6516.1| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 692.0| 0.0| 0.0| 692.0|
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 376.4| 0.0| 0.0| 6515.0| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 701.9| 0.0| 0.0| 701.9|
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 470.6| 0.0| 0.0| 6514.0| 0.0| 2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 707.9| 0.0| 0.0| 707.9|
 ----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 501.9| 0.0| 0.0| 6512.9| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 709.8| 0.0| 0.0| 709.8|
 ----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 470.6| 0.0| 0.0| 6511.8| 0.0| -2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 707.6| 0.0| 0.0| 707.6|
 ----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 376.4| 0.0| 0.0| 6510.7| 0.0| -4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 701.5| 0.0| 0.0| 701.5|
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 6509.6| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 691.3| 0.0| 0.0| 691.3|
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 6508.6| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 677.2| 0.0| 0.0| 677.2|

VERIFICA STABILITA` :

|L0 = 212. |
 Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
 Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
 Caso11- 8 - Nodo 1 - Asse Z
 Ned = -854.0|Mzeq = 334.6|Myeq = 0.0|Ss = -354.4 (0.135)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (331- 340) 613
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 11- 9| 0.0| 0.0| 0.0| 2899.9| 0.0| 7.3|

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|1|Sx Si| 301.7| 0.0| 0.0| 301.7|
----- PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 168.9| 0.0| 0.0| 2899.1| 0.0| 5.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|7|Sx Si| 312.4| 0.0| 0.0| 312.4|
----- PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 289.6| 0.0| 0.0| 2898.2| 0.0| 3.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|7|Sx Si| 320.1| 0.0| 0.0| 320.1|
----- PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 362.0| 0.0| 0.0| 2897.4| 0.0| 1.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|7|Sx Si| 324.6| 0.0| 0.0| 324.6|
----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 386.1| 0.0| 0.0| 2896.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|7|Sx Si| 326.1| 0.0| 0.0| 326.1|
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 362.0| 0.0| 0.0| 2895.7| 0.0| -1.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|7|Sx Si| 324.5| 0.0| 0.0| 324.5|
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 289.6| 0.0| 0.0| 2894.9| 0.0| -3.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|7|Sx Si| 319.7| 0.0| 0.0| 319.7|
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 168.9| 0.0| 0.0| 2894.1| 0.0| -5.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|7|Sx Si| 311.9| 0.0| 0.0| 311.9|
----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 0.0| 0.0| 0.0| 2893.2| 0.0| -7.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si|1|Sx Si| 301.0| 0.0| 0.0| 301.0|
----- PROGR. 106.
-----
VERIFICA STABILITA` :

|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Caso11- 8 - Nodo 1 - Asse Z
Ned = -1803.2|Mzeq = 334.6|Myeq = 0.0|Ss = -688.3 ( 0.263)

G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 340- 333) 615
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 3588.6| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|1|Sx Si| 373.4| 0.0| 0.0| 373.4|
----- PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 219.6| 0.0| 0.0| 3589.7| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|7|Sx Si| 387.5| 0.0| 0.0| 387.5|
----- PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 376.4| 0.0| 0.0| 3590.7| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|7|Sx Si| 397.7| 0.0| 0.0| 397.7|
----- PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 470.6| 0.0| 0.0| 3591.8| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|7|Sx Si| 403.8| 0.0| 0.0| 403.8|
----- PROGR. 106.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY		
7- 1	501.9	0.0	0.0	3592.9	0.0	0.0		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	406.0|	0.0|	0.0|	406.0|			
							PROGR.	133.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	470.6|	0.0|	0.0|	3594.0|	0.0|	-2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	404.1|	0.0|	0.0|	404.1|			
							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	376.4|	0.0|	0.0|	3595.0|	0.0|	-4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	398.1|	0.0|	0.0|	398.1|			
							PROGR.	186.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	219.6|	0.0|	0.0|	3596.1|	0.0|	-7.1|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	388.2|	0.0|	0.0|	388.2|			
							PROGR.	212.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	0.0|	0.0|	0.0|	3597.2|	0.0|	-9.5|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 3|Sx |	Si |	374.3|	0.0|	0.0|	374.3|			

VERIFICA STABILITA' :								
|L0 =	212. |							
Z |Lc =	212. |Ro =	1.51|lm =	140.5|Ncr=	10085.1|alfa(b)=	0.3400|ki=	0.3019|		
Y |Lc =	212. |Ro =	2.35|lm =	90.2|Ncr=	24462.0|alfa(b)=	0.3400|ki=	0.5722|		
Caso11- 9 -	Nodo 1 -	Asse Z						
Ned =	-1814.4|Mzeq =	334.6|Myeq =	0.0|Ss =	-692.3 (	0.264)		
G_2L_50x5_d8 (	15)		stato limite ultimo	- ASTA (	341- 334)	617	
							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	0.0|	0.0|	0.0|	7370.3|	0.0|	9.5|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 1|Sx |	Si |	766.8|	0.0|	0.0|	766.8|			
							PROGR.	27.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	219.6|	0.0|	0.0|	7371.4|	0.0|	7.1|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	781.0|	0.0|	0.0|	781.0|			
							PROGR.	53.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	376.4|	0.0|	0.0|	7372.5|	0.0|	4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	791.2|	0.0|	0.0|	791.2|			
							PROGR.	80.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	470.6|	0.0|	0.0|	7373.5|	0.0|	2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	797.3|	0.0|	0.0|	797.3|			
							PROGR.	106.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	501.9|	0.0|	0.0|	7374.6|	0.0|	0.0|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	799.4|	0.0|	0.0|	799.4|			
							PROGR.	133.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	470.6|	0.0|	0.0|	7375.7|	0.0|	-2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	797.5|	0.0|	0.0|	797.5|			
							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	376.4|	0.0|	0.0|	7376.8|	0.0|	-4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 7- 1|si| 7|Sx |	Si |	791.6|	0.0|	0.0|	791.6|			
							PROGR.	186.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	219.6|	0.0|	0.0|	7377.8|	0.0|	-7.1|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
7- 1 si 7 Sx	Si	781.7	0.0	0.0	781.7			

Copertura area carburante - Relazione di calcolo

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----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | 7378.9 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx | Si | 767.7 | 0.0 | 0.0 | 767.7 |
-----
VERIFICA STABILITA` :
|L0 = 212. |
Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa(b )=0.3400 |ki=0.3019 |
Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa(b )=0.3400 |ki=0.5722 |
Caso11- 9 - Nodo 1 - Asse Z
Ned = -881.9 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -364.2 ( 0.139)
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 342- 335) 619
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 11734.8 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si | 1220.9 | 0.0 | 0.0 | 1220.9 |
----- PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 219.6 | 0.0 | 0.0 | 11735.9 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1235.1 | 0.0 | 0.0 | 1235.1 |
----- PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 376.4 | 0.0 | 0.0 | 11736.9 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1245.2 | 0.0 | 0.0 | 1245.2 |
----- PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 470.6 | 0.0 | 0.0 | 11738.0 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1251.4 | 0.0 | 0.0 | 1251.4 |
----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 501.9 | 0.0 | 0.0 | 11739.1 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1253.5 | 0.0 | 0.0 | 1253.5 |
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 470.6 | 0.0 | 0.0 | 11740.2 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1251.6 | 0.0 | 0.0 | 1251.6 |
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 376.4 | 0.0 | 0.0 | 11741.3 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1245.7 | 0.0 | 0.0 | 1245.7 |
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 219.6 | 0.0 | 0.0 | 11742.3 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 1235.8 | 0.0 | 0.0 | 1235.8 |
----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 11743.4 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | Si | 1221.8 | 0.0 | 0.0 | 1221.8 |
-----
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 328- 337) 621
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 15290.9 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | Si | 1590.9 | 0.0 | 0.0 | 1590.9 |
----- PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 15289.8 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si | 1604.9 | 0.0 | 0.0 | 1604.9 |

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Copertura area carburante - Relazione di calcolo

----- SOLLECITAZIONI										PROGR.	53.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 6- 1 |	376.4 |	0.0 |	0.0 |	15288.7 |	0.0 |	4.7 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1 |	|si| 7|Sx |	Si |	1614.8 |	0.0 |	0.0 |	1614.8 |					
----- SOLLECITAZIONI										PROGR.	80.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 6- 1 |	470.6 |	0.0 |	0.0 |	15287.6 |	0.0 |	2.4 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1 |	|si| 7|Sx |	Si |	1620.7 |	0.0 |	0.0 |	1620.7 |					
----- SOLLECITAZIONI										PROGR.	106.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 6- 1 |	501.9 |	0.0 |	0.0 |	15286.5 |	0.0 |	0.0 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1 |	|si| 7|Sx |	Si |	1622.6 |	0.0 |	0.0 |	1622.6 |					
----- SOLLECITAZIONI										PROGR.	133.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 6- 1 |	470.6 |	0.0 |	0.0 |	15285.5 |	0.0 |	-2.4 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1 |	|si| 7|Sx |	Si |	1620.5 |	0.0 |	0.0 |	1620.5 |					
----- SOLLECITAZIONI										PROGR.	159.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 6- 1 |	376.4 |	0.0 |	0.0 |	15284.4 |	0.0 |	-4.7 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1 |	|si| 7|Sx |	Si |	1614.3 |	0.0 |	0.0 |	1614.3 |					
----- SOLLECITAZIONI										PROGR.	186.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 6- 1 |	219.6 |	0.0 |	0.0 |	15283.3 |	0.0 |	-7.1 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1 |	|si| 7|Sx |	Si |	1604.2 |	0.0 |	0.0 |	1604.2 |					
----- SOLLECITAZIONI										PROGR.	212.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 6- 1 |	0.0 |	0.0 |	0.0 |	15282.2 |	0.0 |	-9.5 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1 |	|si| 1|Sx |	Si |	1590.0 |	0.0 |	0.0 |	1590.0 |					
----- VERIFICA STABILITA` : asta tesa per tutti i casi di carico.											
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (343- 336)					622					
----- SOLLECITAZIONI										PROGR.	0.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 5- 1 |	0.0 |	0.0 |	0.0 |	16248.2 |	0.0 |	9.5 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 5- 1 |	|si| 1|Sx |	Si |	1690.5 |	0.0 |	0.0 |	1690.5 |					
----- SOLLECITAZIONI										PROGR.	27.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 5- 1 |	219.6 |	0.0 |	0.0 |	16249.3 |	0.0 |	7.1 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 5- 1 |	|si| 7|Sx |	Si |	1704.7 |	0.0 |	0.0 |	1704.7 |					
----- SOLLECITAZIONI										PROGR.	53.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 5- 1 |	376.4 |	0.0 |	0.0 |	16250.4 |	0.0 |	4.7 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 5- 1 |	|si| 7|Sx |	Si |	1714.8 |	0.0 |	0.0 |	1714.8 |					
----- SOLLECITAZIONI										PROGR.	80.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 5- 1 |	470.6 |	0.0 |	0.0 |	16251.5 |	0.0 |	2.4 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 5- 1 |	|si| 7|Sx |	Si |	1721.0 |	0.0 |	0.0 |	1721.0 |					
----- SOLLECITAZIONI										PROGR.	106.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 5- 1 |	501.9 |	0.0 |	0.0 |	16252.6 |	0.0 |	0.0 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 5- 1 |	|si| 7|Sx |	Si |	1723.1 |	0.0 |	0.0 |	1723.1 |					
----- SOLLECITAZIONI										PROGR.	133.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 5- 1 |	470.6 |	0.0 |	0.0 |	16253.6 |	0.0 |	-2.4 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 5- 1 |	|si| 7|Sx |	Si |	1721.2 |	0.0 |	0.0 |	1721.2 |					
----- SOLLECITAZIONI										PROGR.	159.
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |					
| 5- 1 |	376.4 |	0.0 |	0.0 |	16254.7 |	0.0 |	-4.7 |					

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1715.3| 0.0| 0.0| 1715.3|
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 16255.8| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1705.4| 0.0| 0.0| 1705.4|
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 16256.9| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 3|Sx | Si | 1691.4| 0.0| 0.0| 1691.4|

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (578- 605) 978
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 12488.6| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 1299.3| 0.0| 0.0| 1299.3|
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 12487.5| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1313.3| 0.0| 0.0| 1313.3|
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 376.4| 0.0| 0.0| 12486.4| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1323.2| 0.0| 0.0| 1323.2|
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 470.6| 0.0| 0.0| 12485.3| 0.0| 2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1329.1| 0.0| 0.0| 1329.1|
 ----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 501.9| 0.0| 0.0| 12484.2| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1331.0| 0.0| 0.0| 1331.0|
 ----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 470.6| 0.0| 0.0| 12483.2| 0.0| -2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1328.9| 0.0| 0.0| 1328.9|
 ----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 376.4| 0.0| 0.0| 12482.1| 0.0| -4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1322.8| 0.0| 0.0| 1322.8|
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 12481.0| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1312.6| 0.0| 0.0| 1312.6|
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 12479.9| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 1298.4| 0.0| 0.0| 1298.4|

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (581- 608) 984
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 7079.5| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 736.6| 0.0| 0.0| 736.6|
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 6- 1|	219.6|	0.0|	0.0|	7078.4|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	750.5|	0.0|	0.0|
-----						53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	7077.4|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	760.5|	0.0|	0.0|
-----						80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	7076.3|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	766.4|	0.0|	0.0|
-----						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	7075.2|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	768.3|	0.0|	0.0|
-----						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	7074.1|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	766.1|	0.0|	0.0|
-----						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	7073.0|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	760.0|	0.0|	0.0|
-----						186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	7072.0|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	749.8|	0.0|	0.0|
-----						212.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	7070.9|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	Si |	735.7|	0.0|	0.0|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (584- 611)					990
-----						0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	2162.6|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	Si |	225.0|	0.0|	0.0|
-----						27.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	2161.5|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	239.0|	0.0|	0.0|
-----						53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	2160.4|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	248.9|	0.0|	0.0|
-----						80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	2159.4|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	254.8|	0.0|	0.0|
-----						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	2158.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	256.7|	0.0|	0.0|
-----						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	2157.2|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
Caso	Ve No	massimi	Sx	Tz	Ty	Si
6- 1	si 7	Sx	Si	254.6	0.0	0.0

Copertura area carburante - Relazione di calcolo

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----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 2156.1 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx | Si | 248.4 | 0.0 | 0.0 | 248.4 |
----- PROGR. 186.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 2155.0 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx | Si | 238.3 | 0.0 | 0.0 | 238.3 |
----- PROGR. 212.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 2154.0 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | Si | 224.1 | 0.0 | 0.0 | 224.1 |
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VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 611- 590) 996
----- PROGR. 0.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 3532.6 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si | 367.5 | 0.0 | 0.0 | 367.5 |
----- PROGR. 27.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 219.6 | 0.0 | 0.0 | 3533.7 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 381.7 | 0.0 | 0.0 | 381.7 |
----- PROGR. 53.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 376.4 | 0.0 | 0.0 | 3534.7 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 391.9 | 0.0 | 0.0 | 391.9 |
----- PROGR. 80.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 470.6 | 0.0 | 0.0 | 3535.8 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 398.0 | 0.0 | 0.0 | 398.0 |
----- PROGR. 106.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 501.9 | 0.0 | 0.0 | 3536.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si | 400.1 | 0.0 | 0.0 | 400.1 |
----- PROGR. 133.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 470.6 | 0.0 | 0.0 | 3538.0 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 398.2 | 0.0 | 0.0 | 398.2 |
----- PROGR. 159.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 376.4 | 0.0 | 0.0 | 3539.1 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 392.3 | 0.0 | 0.0 | 392.3 |
----- PROGR. 186.

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```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 219.6 | 0.0 | 0.0 | 3540.1 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 382.4 | 0.0 | 0.0 | 382.4 |
----- PROGR. 212.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 3541.2 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 368.4 | 0.0 | 0.0 | 368.4 |
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 614- 593) 1002
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 8468.3 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 1|Sx	Si	881.1|	0.0|	0.0|	881.1|	27.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	8469.4|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	895.2|	0.0|	0.0|	895.2|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	8470.5|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	905.4|	0.0|	0.0|	905.4|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	8471.5|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	911.5|	0.0|	0.0|	911.5|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	8472.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	913.7|	0.0|	0.0|	913.7|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	8473.7|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	911.8|	0.0|	0.0|	911.8|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	8474.8|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	905.8|	0.0|	0.0|	905.8|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	8475.8|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	895.9|	0.0|	0.0|	895.9|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	8476.9|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si|12|Sx	Si	882.0|	0.0|	0.0|	882.0|	
----- PROGR.						
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (617- 596)					1008
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	13955.2|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx	Si	1451.9|	0.0|	0.0|	1451.9|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	13956.3|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1466.1|	0.0|	0.0|	1466.1|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	13957.4|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1476.3|	0.0|	0.0|	1476.3|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	13958.5|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1482.4|	0.0|	0.0|	1482.4|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	13959.5|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1484.5|	0.0|	0.0|	1484.5|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |

Copertura area carburante - Relazione di calcolo

```

| 5- 1|          470.6|          0.0|          0.0| 13960.6|          0.0|          -2.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1482.6|          0.0|          0.0| 1482.6|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          376.4|          0.0|          0.0| 13961.7|          0.0|          -4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1476.7|          0.0|          0.0| 1476.7|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          219.6|          0.0|          0.0| 13962.8|          0.0|          -7.1|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1466.8|          0.0|          0.0| 1466.8|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0| 13963.9|          0.0|          -9.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 3|Sx  Si| 1452.8|          0.0|          0.0| 1452.8|
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

G_2L_50x5_d8 ( 15)          stato limite ultimo - ASTA ( 575- 604) 1014
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          0.0|          0.0|          0.0| 17660.8|          0.0|          9.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si| 1837.5|          0.0|          0.0| 1837.5|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          219.6|          0.0|          0.0| 17659.8|          0.0|          7.1|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1851.4|          0.0|          0.0| 1851.4|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          376.4|          0.0|          0.0| 17658.7|          0.0|          4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1861.4|          0.0|          0.0| 1861.4|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          470.6|          0.0|          0.0| 17657.6|          0.0|          2.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1867.3|          0.0|          0.0| 1867.3|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          501.9|          0.0|          0.0| 17656.5|          0.0|          0.0|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1869.2|          0.0|          0.0| 1869.2|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          470.6|          0.0|          0.0| 17655.4|          0.0|          -2.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1867.1|          0.0|          0.0| 1867.1|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          376.4|          0.0|          0.0| 17654.4|          0.0|          -4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1860.9|          0.0|          0.0| 1860.9|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          219.6|          0.0|          0.0| 17653.3|          0.0|          -7.1|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1850.8|          0.0|          0.0| 1850.8|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          0.0|          0.0|          0.0| 17652.2|          0.0|          -9.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si| 1836.6|          0.0|          0.0| 1836.6|
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

G_2L_50x5_d8 ( 15)          stato limite ultimo - ASTA ( 620- 599) 1017
-----

```

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	0.0|	0.0|	0.0|	18962.3|	0.0|	9.5|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 1|Sx	Si|	1972.9|	0.0|	0.0|	1972.9|	
-----						PROGR.
						27.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	219.6|	0.0|	0.0|	18963.4|	0.0|	7.1|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 7|Sx	Si|	1987.1|	0.0|	0.0|	1987.1|	
-----						PROGR.
						53.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	376.4|	0.0|	0.0|	18964.5|	0.0|	4.7|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 7|Sx	Si|	1997.2|	0.0|	0.0|	1997.2|	
-----						PROGR.
						80.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	470.6|	0.0|	0.0|	18965.6|	0.0|	2.4|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 7|Sx	Si|	2003.4|	0.0|	0.0|	2003.4|	
-----						PROGR.
						106.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	501.9|	0.0|	0.0|	18966.6|	0.0|	0.0|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 7|Sx	Si|	2005.5|	0.0|	0.0|	2005.5|	
-----						PROGR.
						133.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	470.6|	0.0|	0.0|	18967.7|	0.0|	-2.4|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 7|Sx	Si|	2003.6|	0.0|	0.0|	2003.6|	
-----						PROGR.
						159.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	376.4|	0.0|	0.0|	18968.8|	0.0|	-4.7|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 7|Sx	Si|	1997.7|	0.0|	0.0|	1997.7|	
-----						PROGR.
						186.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	219.6|	0.0|	0.0|	18969.9|	0.0|	-7.1|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 7|Sx	Si|	1987.7|	0.0|	0.0|	1987.7|	
-----						PROGR.
						212.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	0.0|	0.0|	0.0|	18970.9|	0.0|	-9.5|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 6|Sx	Si|	1973.8|	0.0|	0.0|	1973.8|	
-----						PROGR.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (628- 645)					1059
-----						PROGR.
						0.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	14234.9|	0.0|	9.5|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 6- 1|si| 1|Sx	Si|	1481.0|	0.0|	0.0|	1481.0|	
-----						PROGR.
						27.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	219.6|	0.0|	0.0|	14233.8|	0.0|	7.1|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 6- 1|si| 7|Sx	Si|	1495.0|	0.0|	0.0|	1495.0|	
-----						PROGR.
						53.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	376.4|	0.0|	0.0|	14232.7|	0.0|	4.7|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 6- 1|si| 7|Sx	Si|	1504.9|	0.0|	0.0|	1504.9|	
-----						PROGR.
						80.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	470.6|	0.0|	0.0|	14231.6|	0.0|	2.4|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 6- 1|si| 7|Sx	Si|	1510.8|	0.0|	0.0|	1510.8|	
-----						PROGR.
						106.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	501.9|	0.0|	0.0|	14230.5|	0.0|	0.0|
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 6- 1|si| 6|Sx	Si|					

Copertura area carburante - Relazione di calcolo

6- 1 si 7 Sx	Si	1512.7	0.0	0.0	1512.7	133.
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----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	470.6	0.0	0.0	14229.5	0.0	-2.4

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	1510.6|	0.0|	0.0|	1510.6|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	14228.4|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	1504.5|	0.0|	0.0|	1504.5|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	14227.3|	0.0|	-7.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	1494.3|	0.0|	0.0|	1494.3|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	14226.2|	0.0|	-9.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si|	1480.1|	0.0|	0.0|	1480.1|

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.G_2L_50x5_d8 (15) stato limite ultimo - ASTA (630- 648) 1063
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	8593.1|	0.0|	9.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si|	894.0|	0.0|	0.0|	894.0|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	8592.0|	0.0|	7.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	908.0|	0.0|	0.0|	908.0|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	8590.9|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	917.9|	0.0|	0.0|	917.9|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	8589.9|	0.0|	2.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	923.8|	0.0|	0.0|	923.8|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	8588.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	925.7|	0.0|	0.0|	925.7|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	8587.7|	0.0|	-2.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	923.6|	0.0|	0.0|	923.6|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	8586.6|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	917.5|	0.0|	0.0|	917.5|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	8585.5|	0.0|	-7.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 7|Sx	Si|	907.3|	0.0|	0.0|	907.3|

----- PROGR.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	8584.5|	0.0|	-9.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si|	893.1|	0.0|	0.0|	893.1|

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

Copertura area carburante - Relazione di calcolo

VERIFICA ELEMENTI IN ACCIAIO
lavoro : MUSST4

Unità di misura:
Lunghezze: cm
Prop.Sez.: cm
Forze: daN
Momenti: daNcm
Tensioni: daN/cm2

MATERIALI

S275 (EN 10025-2): Mod.El.= 2100000.0; gM = 1.050;
fyk = 2750.0(2550.0 per sp>40 mm); fyd = 2619.0(2428.6 per sp>40 mm).

CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	2
4	SLU VENTOX 1	2
5	SLU VENTOX 2	2
6	SLU VENTOX 2	2
7	SLU VENTOX 3	2
8	SLU VENTOX 3	2
11	SLU con SISMAX PRINC	16
12	SLU con SISMAX PRINC	16

CARATTERISTICHE GEOMETRICHE

P_HEB140_S006 (6) :
A = 43.0302E+00 Jz= 1.5114E+03 Jy=549.7222E+00 Jt= 16.5832E+00

P_IPE80_S008 (8) :
A = 7.6563E+00 Jz= 80.2777E+00 Jy= 8.4911E+00 Jt=527.6360E-03

P_HEA120_S011 (11) :
A = 25.4102E+00 Jz=607.6354E+00 Jy=230.9414E+00 Jt= 4.3320E+00

G_2L_50x5_d8 (15) :
A = 9.6115E+00 Jz= 21.8931E+00 Jy= 53.1028E+00 Jt= 1.0000E+00

P_HEB140_S006 (6) stato limite ultimo - ASTA (310- 311) 561
----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-7448.7	14.5	89.6
12- 6	0.0	0.0	0.0	-3334.4	66.1	56.4
7- 1	0.0	0.0	0.0	-6506.0	-3.3	113.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-173.1	0.0	0.0	173.1
12- 6	si	5	Tz	-77.5	4.1	0.0	77.8
7- 1	si	9	Ty	-151.2	0.0	-13.2	152.9
11- 5	si	9	Si	-173.1	0.0	-10.4	174.0

----- PROGR. 24.

Caso	MZ	MY	MT	N	TZ	TY
11- 6	2072.9	-526.0	0.0	-7431.6	21.8	81.9
12- 6	1262.6	-1594.7	0.0	-3334.4	66.1	48.3
7- 1	2612.4	79.8	0.0	-6506.0	-3.3	103.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-189.0	0.0	0.0	189.0
12- 6	si	5	Tz	-87.8	3.9	0.0	88.1
7- 1	si	9	Ty	-151.1	0.0	-12.0	152.6

----- PROGR. 48.

Caso	MZ	MY	MT	N	TZ	TY
11- 6	3949.3	-1051.9	0.0	-7431.6	21.8	73.7
12- 6	2328.8	-3189.5	0.0	-3334.4	66.1	40.1
7- 1	4969.4	159.5	0.0	-6506.0	-3.3	92.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-204.4	0.0	0.0	204.4
12- 6	si	5	Tz	-97.3	3.7	0.0	97.5
7- 1	si	9	Ty	-151.1	0.0	-10.7	152.2

----- PROGR. 72.

Caso	MZ	MY	MT	N	TZ	TY
11- 6	5629.3	-1577.9	0.0	-7431.6	21.8	65.6
12- 6	3198.5	-4784.2	0.0	-3334.4	66.1	32.0
7- 1	7071.1	239.3	0.0	-6506.0	-3.3	81.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-218.9	0.0	0.0	218.9
12- 6	si	5	Tz	-105.8	3.5	0.0	106.0
7- 1	si	9	Ty	-151.0	0.0	-9.5	151.9

----- PROGR. 96.

Caso	MZ	MY	MT	N	TZ	TY
11- 6	7112.9	-2103.9	0.0	-7431.6	21.8	57.4
12- 6	3871.7	-6379.0	0.0	-3334.4	66.1	23.8
7- 1	8917.3	319.1	0.0	-6506.0	-3.3	71.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-232.4	0.0	0.0	232.4
12- 6	si	5	Tz	-113.4	3.4	0.0	113.6
7- 1	si	9	Ty	-151.0	0.0	-8.3	151.7

Copertura area carburante - Relazione di calcolo

-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11- 6|	8399.9|	-2629.8|	0.0|	-7431.6|	21.8|	49.3|		
| 12- 6|	4348.5|	-7973.7|	0.0|	-3334.4|	66.1|	15.7|		
| 7- 1|	10508.1|	398.9|	0.0|	-6506.0|	-3.3|	60.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 6|	|si| 1|Sx Si|	-245.1|	0.0|	0.0|	245.1|			
| 12- 6|	|si| 5| Tz	-120.1|	3.2|	0.0|	120.2|			
| 7- 1|	|si| 9| Ty	-150.9|	0.0|	-7.0|	151.4|			
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11- 6|	9490.5|	-3155.8|	0.0|	-7431.6|	21.8|	41.1|		
| 12-11|	322.6|	9474.3|	0.0|	1357.6|	-65.5|	-22.2|		
| 7- 2|	-3681.6|	735.7|	0.0|	4624.0|	-5.1|	-57.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 6|	|si| 1|Sx Si|	-256.8|	0.0|	0.0|	256.8|			
| 12-11|	|si| 5| Tz	56.8|	-3.3|	0.0|	57.1|			
| 7- 2|	|si| 9| Ty	107.9|	0.0|	6.6|	108.5|			
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11- 6|	10384.7|	-3681.8|	0.0|	-7431.6|	21.8|	33.0|		
| 12-11|	-311.3|	11053.3|	0.0|	1357.6|	-65.5|	-30.3|		
| 7- 2|	-5189.1|	858.3|	0.0|	4624.0|	-5.1|	-67.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 6|	|si| 1|Sx Si|	-267.7|	0.0|	0.0|	267.7|			
| 12-11|	|si| 5| Tz	64.2|	-3.5|	0.0|	64.4|			
| 7- 2|	|si| 9| Ty	108.0|	0.0|	7.9|	108.9|			
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11- 6|	11082.4|	-4207.7|	0.0|	-7431.6|	21.8|	24.8|		
| 12-11|	-1141.6|	12632.4|	0.0|	1357.6|	-65.5|	-38.5|		
| 7- 2|	-6952.0|	980.9|	0.0|	4624.0|	-5.1|	-78.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 6|	|si| 1|Sx Si|	-277.6|	0.0|	0.0|	277.6|			
| 12-11|	|si| 5| Tz	72.5|	-3.7|	0.0|	72.7|			
| 7- 2|	|si| 9| Ty	108.1|	0.0|	9.1|	109.2|			

VERIFICA STABILITA` :								
|L0 = 193.1								
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|								
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|								
Caso11- 6 - Nodo 1 - Asse Y								
Ned = -7431.6|Mzeq = 8565.7|Myeq = -3155.8|Ss = -304.8 (0.116)								
P_HEB140_S006 (6) stato limite ultimo - ASTA (311- 312)							562	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1|	13760.8|	638.2|	0.0|	-14010.2|	22.0|	96.5|		
| 12-11|	-1138.6|	12632.4|	0.0|	-1487.3|	139.3|	60.0|		
| 6- 1|	9122.5|	-1367.4|	0.0|	-12546.4|	4.2|	119.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|	|si| 2|Sx Si|	-397.5|	0.0|	0.0|	397.5|			
| 12-11|	|si| 5| Tz	6.3|	7.3|	0.0|	14.1|			
| 6- 1|	|si| 9| Ty	-292.4|	0.0|	-13.8|	293.4|			
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1|	15961.3|	107.3|	0.0|	-14010.2|	22.0|	85.9|		
| 12-11|	209.6|	9271.3|	0.0|	-1487.3|	139.3|	51.8|		
| 6- 1|	11867.6|	-1469.7|	0.0|	-12546.4|	4.2|	108.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|	|si| 2|Sx Si|	-400.9|	0.0|	0.0|	400.9|			
| 12-11|	|si| 5| Tz	-9.4|	7.1|	0.0|	15.5|			
| 6- 1|	|si| 9| Ty	-292.5|	0.0|	-12.6|	293.3|			
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	17397.2|	-588.1|	0.0|	-14143.6|	26.0|	88.0|		
| 12-11|	1361.4|	5910.2|	0.0|	-1487.3|	139.3|	43.7|		
| 6- 1|	14357.3|	-1572.0|	0.0|	-12546.4|	4.2|	97.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 1|Sx Si|	-416.8|	0.0|	0.0|	416.8|			
| 12-11|	|si| 5| Tz	-24.2|	6.9|	0.0|	27.0|			
| 6- 1|	|si| 9| Ty	-292.6|	0.0|	-11.4|	293.2|			
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	19393.3|	-1214.2|	0.0|	-14143.6|	26.0|	77.4|		
| 12-11|	2316.6|	2549.2|	0.0|	-1487.3|	139.3|	35.5|		
| 6- 1|	16591.5|	-1674.3|	0.0|	-12546.4|	4.2|	87.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 1|Sx Si|	-434.0|	0.0|	0.0|	434.0|			
| 12-11|	|si| 5| Tz	-38.1|	6.7|	0.0|	39.8|			
| 6- 1|	|si| 9| Ty	-292.6|	0.0|	-10.1|	293.2|			
-----							PROGR.	96.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	21134.0	-1840.3	0.0	-14143.6	26.0	66.9		
12-11	3075.5	-811.9	0.0	-1487.3	139.3	27.4		
6- 1	18570.4	-1776.6	0.0	-12546.4	4.2	76.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-450.0	0.0	0.0	450.0
12-11	si	5	Tz		-51.1	6.5	0.0	52.3
6- 1	si	9	Ty		-292.7	0.0	-8.9	293.1
							PROGR.	121.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	22619.3	-2466.4	0.0	-14143.6	26.0	56.3		
12-11	3637.8	-4172.9	0.0	-1487.3	139.3	19.2		
6- 1	20293.9	-1878.9	0.0	-12546.4	4.2	66.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-464.9	0.0	0.0	464.9
12-11	si	5	Tz		-63.2	6.3	0.0	64.1
6- 1	si	9	Ty		-292.8	0.0	-7.7	293.1
							PROGR.	145.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	23849.2	-3092.4	0.0	-14143.6	26.0	45.7		
12-11	4003.7	-7534.0	0.0	-1487.3	139.3	11.1		
6- 1	21762.0	-1981.3	0.0	-12546.4	4.2	55.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-478.5	0.0	0.0	478.5
12-11	si	5	Tz		-74.4	6.2	0.0	75.1
6- 1	si	9	Ty		-292.8	0.0	-6.5	293.0
							PROGR.	169.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	24823.7	-3718.5	0.0	-14143.6	26.0	35.1		
12-11	4173.2	-10895.1	0.0	-1487.3	139.3	3.0		
6- 1	22974.7	-2083.6	0.0	-12546.4	4.2	45.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-491.0	0.0	0.0	491.0
12-11	si	5	Tz		-84.6	6.0	0.0	85.2
6- 1	si	9	Ty		-292.9	0.0	-5.2	293.0
							PROGR.	193.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	25542.9	-4344.6	0.0	-14143.6	26.0	24.5		
12-10	6775.4	-13341.3	0.0	-4148.3	133.4	-20.6		
11- 8	9944.5	-3015.5	0.0	-7583.1	25.6	-38.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-502.3	0.0	0.0	502.3
12-10	si	6	Tz		-90.2	6.1	0.0	90.8
11- 8	si	9	Ty		-178.1	0.0	4.5	178.3
							PROGR.	0.
VERIFICA STABILITA` :								
|L0 = 193.1								
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|								
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|								
Caso 5- 1 - Nodo 1 - Asse Y								
Ned = -14143.6|Mzeq = 25542.9|Myeq = -3258.4|Ss = -589.4 (0.225)								
P_HEB140_S006 (6) stato limite ultimo - ASTA (312- 313) 563								
							PROGR.	0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	25552.2	-4344.6	0.0	-20586.2	-21.5	69.1		
12-11	4147.5	-14256.1	0.0	-4451.7	-110.5	43.1		
6- 1	23940.9	-2185.9	0.0	-19771.2	-3.1	74.2		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-652.1	0.0	0.0	652.1
12-11	si	6	Tz		-82.5	-5.7	0.0	83.1
6- 1	si	9	Ty		-460.9	0.0	-8.6	461.1
							PROGR.	24.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	27092.6	-3826.9	0.0	-20586.2	-21.5	58.6		
12-11	5088.6	-11590.4	0.0	-4451.7	-110.5	34.9		
6- 1	25603.3	-2110.5	0.0	-19771.2	-3.1	63.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-652.6	0.0	0.0	652.6
12-11	si	6	Tz		-94.3	-5.5	0.0	94.8
6- 1	si	9	Ty		-460.8	0.0	-7.4	461.0
							PROGR.	48.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	28377.7	-3309.3	0.0	-20586.2	-21.5	48.0		
12-11	5833.2	-8924.7	0.0	-4451.7	-110.5	26.8		
6- 1	27010.3	-2035.2	0.0	-19771.2	-3.1	53.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-652.0	0.0	0.0	652.0
12-11	si	6	Tz		-105.3	-5.3	0.0	105.7
6- 1	si	9	Ty		-460.8	0.0	-6.2	460.9
							PROGR.	72.
SOLLECITAZIONI :								

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	29407.4|	-2791.6|	0.0|	-20586.2|	-21.5|	37.4|
12-11|	6381.3|	-6259.0|	0.0|	-4451.7|	-110.5|	18.6|
6- 1|	28161.9|	-1959.8|	0.0|	-19771.2|	-3.1|	42.4|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-650.2|	0.0|	0.0|	650.2|
12-11|si| 6|	Tz	-115.4|	-5.1|	0.0|	115.7|
6- 1|si| 9|	Ty	-460.7|	0.0|	-4.9|	460.8|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	30181.7|	-2273.9|	0.0|	-20586.2|	-21.5|	26.8|
12-11|	6733.0|	-3593.2|	0.0|	-4451.7|	-110.5|	10.5|
6- 1|	29058.1|	-1884.5|	0.0|	-19771.2|	-3.1|	31.9|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-647.2|	0.0|	0.0|	647.2|
12-11|si| 6|	Tz	-124.5|	-4.9|	0.0|	124.8|
6- 1|si| 9|	Ty	-460.7|	0.0|	-3.7|	460.7|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	30700.6|	-1756.3|	0.0|	-20586.2|	-21.5|	16.2|
12-11|	6888.2|	-927.5|	0.0|	-4451.7|	-110.5|	2.4|
6- 1|	29698.9|	-1809.1|	0.0|	-19771.2|	-3.1|	21.3|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-643.0|	0.0|	0.0|	643.0|
12-11|si| 6|	Tz	-132.7|	-4.7|	0.0|	133.0|
6- 1|si| 9|	Ty	-460.6|	0.0|	-2.5|	460.6|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	30964.1|	-1238.6|	0.0|	-20586.2|	-21.5|	5.6|
12-12|	7001.9|	1603.7|	0.0|	-4580.1|	-110.8|	-6.7|
11- 5|	9700.7|	-1013.9|	0.0|	-6745.9|	36.4|	-27.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-637.6|	0.0|	0.0|	637.6|
12-12|si| 5|	Tz	-134.3|	-4.9|	0.0|	134.6|
11- 5|si| 9|	Ty	-157.4|	0.0|	3.1|	157.5|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	30972.2|	-721.0|	0.0|	-20586.2|	-21.5|	-5.0|
12-12|	6741.6|	4276.7|	0.0|	-4580.1|	-110.8|	-14.9|
11- 5|	8950.3|	-1892.5|	0.0|	-6745.9|	36.4|	-35.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-631.0|	0.0|	0.0|	631.0|
12-12|si| 5|	Tz	-125.6|	-5.0|	0.0|	125.9|
11- 5|si| 9|	Ty	-158.0|	0.0|	4.1|	158.1|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	30724.9|	-203.3|	0.0|	-20586.2|	-21.5|	-15.5|
12-12|	6284.9|	6949.7|	0.0|	-4580.1|	-110.8|	-23.0|
11- 5|	8003.4|	-2771.1|	0.0|	-6745.9|	36.4|	-43.3|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si|	-623.3|	0.0|	0.0|	623.3|
12-12|si| 5|	Tz	-116.0|	-5.2|	0.0|	116.3|
11- 5|si| 9|	Ty	-158.5|	0.0|	5.0|	158.8|

VERIFICA STABILITA` :

L0 = 193. |
 Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -20586.2|Mzeq = 30972.2|Myeq = -3258.4|Ss = -811.0 (0.310)

P_HEB140_S006 (6) stato limite ultimo - ASTA (313- 314) 564
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	30093.2|	-1583.0|	0.0|	-21795.8|	-17.7|	22.0|
12- 6|	6840.1|	-7198.7|	0.0|	-5292.5|	-41.8|	25.7|
7- 2|	3091.5|	1045.0|	0.0|	-3913.9|	4.8|	48.1|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si|	-666.1|	0.0|	0.0|	666.1|
12- 6|si| 6|	Tz	-134.4|	-2.4|	0.0|	134.4|
7- 2|si| 9|	Ty	-90.3|	0.0|	-5.6|	90.8|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	30497.4|	-1156.7|	0.0|	-21795.8|	-17.7|	11.5|
12- 6|	7361.9|	-6189.9|	0.0|	-5292.5|	-41.8|	17.6|
7- 2|	4123.8|	928.3|	0.0|	-3913.9|	4.8|	37.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si|	-662.5|	0.0|	0.0|	662.5|
12- 6 si 6	Tz	-139.6	-2.2	0.0	139.7
7- 2 si 9	Ty	-90.4	0.0	-4.4	90.7

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

6- 1	30646.1	-730.4	0.0	-21795.8	-17.7	0.9
| 12- 6|	7687.3|	-5181.1|	0.0|	-5292.5|	-41.8|	9.4|
| 7- 2|	4900.8|	811.5|	0.0|	-3913.9|	4.8|	26.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-657.8|	0.0|	0.0|	657.8|
| 12- 6|si| 6| Tz |		-144.0|	-2.0|	0.0|	144.0|
| 7- 2|si| 9| Ty |		-90.4|	0.0|	-3.1|	90.6|

PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	30949.9|	428.3|	0.0|	-21822.2|	-8.7|	-12.8|
| 12- 6|	7816.1|	-4172.4|	0.0|	-5292.5|	-41.8|	1.3|
| 7- 2|	5422.3|	694.8|	0.0|	-3913.9|	4.8|	16.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-655.9|	0.0|	0.0|	655.9|
| 12- 6|si| 6| Tz |		-147.4|	-1.8|	0.0|	147.5|
| 7- 2|si| 9| Ty |		-90.5|	0.0|	-1.9|	90.6|

PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	30512.5|	638.8|	0.0|	-21822.2|	-8.7|	-23.4|
| 12- 6|	7748.6|	-3163.6|	0.0|	-5292.5|	-41.8|	-6.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-656.6|	0.0|	0.0|	656.6|
| 12- 6|si| 5| Tz |		-167.8|	-1.9|	0.0|	167.8|
| 5- 1|si| 9| Ty |		-506.7|	0.0|	2.7|	506.8|

PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	29819.7|	849.4|	0.0|	-21822.2|	-8.7|	-34.0|
| 12- 6|	7484.5|	-2154.9|	0.0|	-5292.5|	-41.8|	-15.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-656.1|	0.0|	0.0|	656.1|
| 12- 6|si| 5| Tz |		-163.7|	-2.1|	0.0|	163.8|
| 5- 1|si| 9| Ty |		-506.6|	0.0|	4.0|	506.6|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	28871.5|	1059.9|	0.0|	-21822.2|	-8.7|	-44.6|
| 12- 6|	7024.1|	-1146.1|	0.0|	-5292.5|	-41.8|	-23.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-654.4|	0.0|	0.0|	654.4|
| 12- 6|si| 5| Tz |		-158.8|	-2.3|	0.0|	158.8|
| 5- 1|si| 9| Ty |		-506.5|	0.0|	5.2|	506.5|

PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	27559.0|	1401.1|	0.0|	-21795.8|	-17.7|	-52.1|
| 12- 6|	6367.1|	-137.3|	0.0|	-5292.5|	-41.8|	-31.3|
| 5- 1|	27667.9|	1270.4|	0.0|	-21822.2|	-8.7|	-55.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-652.0|	0.0|	0.0|	652.0|
| 12- 6|si| 5| Tz |		-152.9|	-2.5|	0.0|	152.9|
| 5- 1|si| 9| Ty |		-506.3|	0.0|	6.4|	506.4|

PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	26175.4|	1827.4|	0.0|	-21795.8|	-17.7|	-62.6|
| 12- 6|	5513.7|	871.4|	0.0|	-5292.5|	-41.8|	-39.4|
| 5- 1|	26208.9|	1481.0|	0.0|	-21822.2|	-8.7|	-65.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-651.0|	0.0|	0.0|	651.0|
| 12- 6|si| 5| Tz |		-146.1|	-2.7|	0.0|	146.1|
| 5- 1|si| 9| Ty |		-506.2|	0.0|	7.6|	506.4|

VERIFICA STABILITA' :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -21795.8|Mzeq = 30646.1|Myeq = 1370.5|Ss = -820.4 (0.313)

P_HEB140_S006 (6) stato limite ultimo - ASTA (314- 315) 565
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	26175.4|	1827.4|	0.0|	-21795.8|	15.4|	62.4|
| 12- 3|	5445.1|	868.2|	0.0|	-5243.1|	49.0|	41.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-651.0|	0.0|	0.0|	651.0|
| 12- 3|si| 5| Tz |		-144.6|	3.0|	0.0|	144.7|
| 6- 1|si| 9| Ty |		-505.4|	0.0|	-7.3|	505.5|

PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	27554.1|	1456.8|	0.0|	-21795.8|	15.4|	51.9|
| 12- 3|	6340.7|	-313.2|	0.0|	-5243.1|	49.0|	33.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-652.7|	0.0|	0.0|	652.7|

Copertura area carburante - Relazione di calcolo

| 12- 3|si| 5|	Tz	|	-152.1|	2.8|	0.0|	152.2|							
| 6- 1|si| 9|	Ty	|	-505.6|	0.0|	-6.0|	505.7|							
-----							PROGR.	48.					
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	28546.1|		1268.0|		0.0|		-21837.3|		4.4|		37.8|		
| 12- 3|	7039.8|		-1494.6|		0.0|		-5243.1|		49.0|		24.9|		
| 6- 1|	28677.4|		1086.2|		0.0|		-21795.8|		15.4|		41.3|		
TENSIONI (Sz= 0.00) :													
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 5- 1|si| 2|	Sx	Si	|	-655.8|		0.0|		0.0|		655.8|			
| 12- 3|si| 5|	Tz	|	-158.7|		2.7|		0.0|		158.7|				
| 6- 1|si| 9|	Ty	|	-505.8|		0.0|		-4.8|		505.9|				
-----												PROGR.	72.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	29331.3|		1161.5|		0.0|		-21837.3|		4.4|		27.3|		
| 12- 3|	7542.5|		-2676.0|		0.0|		-5243.1|		49.0|		16.8|		
| 6- 1|	29545.3|		715.6|		0.0|		-21795.8|		15.4|		30.7|		
TENSIONI (Sz= 0.00) :													
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 5- 1|si| 2|	Sx	Si	|	-658.1|		0.0|		0.0|		658.1|			
| 12- 3|si| 5|	Tz	|	-164.3|		2.5|		0.0|		164.4|				
| 6- 1|si| 9|	Ty	|	-506.1|		0.0|		-3.6|		506.1|				
-----												PROGR.	96.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	29861.1|		1055.0|		0.0|		-21837.3|		4.4|		16.7|		
| 12- 3|	7848.7|		-3857.3|		0.0|		-5243.1|		49.0|		8.6|		
| 6- 1|	30157.8|		345.0|		0.0|		-21795.8|		15.4|		20.1|		
TENSIONI (Sz= 0.00) :													
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 5- 1|si| 2|	Sx	Si	|	-659.2|		0.0|		0.0|		659.2|			
| 12- 3|si| 5|	Tz	|	-169.1|		2.3|		0.0|		169.1|				
| 6- 1|si| 9|	Ty	|	-506.3|		0.0|		-2.3|		506.3|				
-----												PROGR.	121.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	30135.4|		948.5|		0.0|		-21837.3|		4.4|		6.1|		
| 12-14|	7288.7|		5330.7|		0.0|		-5467.1|		-46.8|		-7.0|		
| 11- 8|	6641.7|		2062.2|		0.0|		-5527.0|		-16.7|		-12.9|		
TENSIONI (Sz= 0.00) :													
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 5- 1|si| 2|	Sx	Si	|	-659.1|		0.0|		0.0|		659.1|			
| 12-14|si| 5|	Tz	|	-145.8|		-2.1|		0.0|		145.8|				
| 11- 8|si| 9|	Ty	|	-127.1|		0.0|		1.5|		127.2|				
-----												PROGR.	145.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	30154.4|		842.1|		0.0|		-21837.3|		4.4|		-4.5|		
| 12-14|	7021.7|		6460.4|		0.0|		-5467.1|		-46.8|		-15.1|		
| 8- 2|	5621.4|		2347.4|		0.0|		-3957.8|		-19.4|		-22.3|		
TENSIONI (Sz= 0.00) :													
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 5- 1|si| 2|	Sx	Si	|	-657.9|		0.0|		0.0|		657.9|			
| 12-14|si| 5|	Tz	|	-141.4|		-2.3|		0.0|		141.4|				
| 8- 2|si| 9|	Ty	|	-90.5|		0.0|		2.6|		90.6|				
-----												PROGR.	169.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 6- 1|	30462.9|		-766.7|		0.0|		-21795.8|		15.4|		-11.7|		
| 12-14|	6558.2|		7590.1|		0.0|		-5467.1|		-46.8|		-23.3|		
| 8- 2|	4955.3|		2816.4|		0.0|		-3957.8|		-19.4|		-32.9|		
TENSIONI (Sz= 0.00) :													
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 1|	Sx	Si	|	-657.4|		0.0|		0.0|		657.4|			
| 12-14|si| 5|	Tz	|	-136.0|		-2.5|		0.0|		136.1|				
| 8- 2|si| 9|	Ty	|	-90.2|		0.0|		3.8|		90.4|				
-----												PROGR.	193.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 6- 1|	30053.9|		-1137.3|		0.0|		-21795.8|		15.4|		-22.3|		
| 12-14|	5898.3|		8719.7|		0.0|		-5467.1|		-46.8|		-31.4|		
| 8- 2|	4033.7|		3285.3|		0.0|		-3957.8|		-19.4|		-43.5|		
TENSIONI (Sz= 0.00) :													
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 1|	Sx	Si	|	-660.2|		0.0|		0.0|		660.2|			
| 12-14|si| 5|	Tz	|	-129.8|		-2.7|		0.0|		129.9|				
| 8- 2|si| 9|	Ty	|	-89.9|		0.0|		5.1|		90.3|				
-----												PROGR.	0.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 6- 1|	30049.4|		-1137.3|		0.0|		-19709.8|		-28.2|		9.8|		
| 12- 3|	7107.6|		-8582.8|		0.0|		-5460.5|		-122.7|		30.0|		
| 7- 2|	5078.0|		341.3|		0.0|		-4710.8|		0.2|		48.5|		
TENSIONI (Sz= 0.00) :													
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 1|	Sx	Si	|	-611.7|		0.0|		0.0|		611.7|			
| 12- 3|si| 6|	Tz	|	-135.6|		-5.9|		0.0|		136.0|				

VERIFICA STABILITA' :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -21795.8|Mzeq = 30616.6|Myeq = 1370.5|Ss = -820.2 (0.313)

P_HEB140_S006 (6) stato limite ultimo - ASTA (315- 316) 566

 PROGR. 0.

SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	30049.4|		-1137.3|		0.0|		-19709.8|		-28.2|		9.8|	
| 12- 3|	7107.6|		-8582.8|		0.0|		-5460.5|		-122.7|		30.0|	
| 7- 2|	5078.0|		341.3|		0.0|		-4710.8|		0.2|		48.5|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 1|	Sx	Si	|	-611.7|		0.0|		0.0|		611.7|		
| 12- 3|si| 6|	Tz	|	-135.6|		-5.9|		0.0|		136.0|			

Copertura area carburante - Relazione di calcolo

| 7- 2|si| 9| Ty | -109.3| 0.0| -5.6| 109.7|
----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	30159.0|	-456.6|	0.0|	-19709.8|	-28.2|	-0.7|
12- 3|	7732.9|	-5623.5|	0.0|	-5460.5|	-122.7|	21.8|
7- 2|	6119.5|	337.5|	0.0|	-4710.8|	0.2|	37.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx	Si	-603.5|	0.0|	0.0|	603.5|	
12- 3|si| 6|	Tz		-146.9|	-5.7|	0.0|	147.2|	
7- 2|si| 9|	Ty		-109.3|	0.0|	-4.4|	109.5|	

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	30013.2|	224.2|	0.0|	-19709.8|	-28.2|	-11.3|
12- 3|	8161.7|	-2664.2|	0.0|	-5460.5|	-122.7|	13.7|
7- 2|	6905.6|	333.8|	0.0|	-4710.8|	0.2|	27.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx	Si	-599.9|	0.0|	0.0|	599.9|	
12- 3|si| 6|	Tz		-157.2|	-5.5|	0.0|	157.5|	
7- 2|si| 9|	Ty		-109.3|	0.0|	-3.2|	109.4|	

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	29612.0|	904.9|	0.0|	-19709.8|	-28.2|	-21.9|
12- 3|	8394.0|	295.1|	0.0|	-5460.5|	-122.7|	5.6|
5- 1|	28662.1|	845.3|	0.0|	-18963.7|	-3.0|	-26.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx	Si	-606.7|	0.0|	0.0|	606.7|	
12- 3|si| 6|	Tz		-166.6|	-5.3|	0.0|	166.9|	
5- 1|si| 9|	Ty		-440.2|	0.0|	3.1|	440.2|	

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	28955.5|	1585.7|	0.0|	-19709.8|	-28.2|	-32.5|
12- 4|	8209.8|	3418.2|	0.0|	-5327.5|	-123.2|	-3.7|
5- 1|	27897.9|	917.3|	0.0|	-18963.7|	-3.0|	-37.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx	Si	-612.3|	0.0|	0.0|	612.3|	
12- 4|si| 5|	Tz		-152.2|	-5.3|	0.0|	152.5|	
5- 1|si| 9|	Ty		-440.1|	0.0|	4.3|	440.2|	

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	28043.5|	2266.4|	0.0|	-19709.8|	-28.2|	-43.1|
12- 4|	8023.0|	6390.2|	0.0|	-5327.5|	-123.2|	-11.8|
5- 1|	26878.3|	989.4|	0.0|	-18963.7|	-3.0|	-47.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx	Si	-616.8|	0.0|	0.0|	616.8|	
12- 4|si| 5|	Tz		-142.9|	-5.5|	0.0|	143.3|	
5- 1|si| 9|	Ty		-440.1|	0.0|	5.5|	440.2|	

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	26876.1|	2947.1|	0.0|	-19709.8|	-28.2|	-53.7|
12- 4|	7639.7|	9362.2|	0.0|	-5327.5|	-123.2|	-20.0|
5- 1|	25603.4|	1061.4|	0.0|	-18963.7|	-3.0|	-58.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx	Si	-620.1|	0.0|	0.0|	620.1|	
12- 4|si| 5|	Tz		-132.8|	-5.7|	0.0|	133.2|	
5- 1|si| 9|	Ty		-440.0|	0.0|	6.8|	440.2|	

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	25453.3|	3627.9|	0.0|	-19709.8|	-28.2|	-64.3|
12- 4|	7060.0|	12334.2|	0.0|	-5327.5|	-123.2|	-28.1|
5- 1|	24073.0|	1133.5|	0.0|	-18963.7|	-3.0|	-68.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx	Si	-622.1|	0.0|	0.0|	622.1|	
12- 4|si| 5|	Tz		-121.7|	-5.9|	0.0|	122.2|	
5- 1|si| 9|	Ty		-440.0|	0.0|	8.0|	440.2|	

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	23775.2|	4308.6|	0.0|	-19709.8|	-28.2|	-74.9|
12- 4|	6283.9|	15306.1|	0.0|	-5327.5|	-123.2|	-36.2|
5- 1|	22287.2|	1205.5|	0.0|	-18963.7|	-3.0|	-79.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx	Si	-623.0|	0.0|	0.0|	623.0|	
12- 4|si| 5|	Tz		-109.8|	-6.1|	0.0|	110.3|	
5- 1|si| 9|	Ty		-439.9|	0.0|	9.2|	440.2|	

VERIFICA STABILITA` :

|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -19709.8|Mzeq = 30159.0|Myeq = 3231.5|Ss = -780.1 (0.298)

P_HEB140_S006 (6) stato limite ultimo - ASTA (316- 317) 567

Copertura area carburante - Relazione di calcolo

----- PROGR.										0.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	23765.6|	4308.6|	0.0|	-12328.7|	28.6|	-35.1|				
| 12- 3|	6606.9|	15091.7|	0.0|	-3705.1|	153.6|	21.1|				
| 7- 1|	18814.4|	698.1|	0.0|	-8654.4|	-0.2|	-46.5|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 2|Sx	Si	0.0|	0.0|	451.4|					
| 12- 3|	si| 5| Tz		7.0|	0.0|	75.1|					
| 7- 1|	si| 9| Ty		0.0|	5.4|	200.9|					
----- PROGR.										24.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	22792.2|	3619.6|	0.0|	-12328.7|	28.6|	-45.6|				
| 12- 3|	7017.0|	11385.3|	0.0|	-3705.1|	153.6|	12.9|				
| 7- 1|	17565.3|	704.0|	0.0|	-8654.4|	-0.2|	-57.1|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 2|Sx	Si	0.0|	0.0|	438.2|					
| 12- 3|	si| 5| Tz		6.8|	0.0|	87.3|					
| 7- 1|	si| 9| Ty		0.0|	6.6|	201.0|					
----- PROGR.										48.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	21563.3|	2930.5|	0.0|	-12328.7|	28.6|	-56.2|				
| 12- 3|	7230.7|	7678.9|	0.0|	-3705.1|	153.6|	4.8|				
| 7- 1|	16060.9|	709.9|	0.0|	-8654.4|	-0.2|	-67.7|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 2|Sx	Si	0.0|	0.0|	423.7|					
| 12- 3|	si| 5| Tz		6.6|	0.0|	98.6|					
| 7- 1|	si| 9| Ty		0.0|	7.9|	201.1|					
----- PROGR.										72.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	20079.1|	2241.5|	0.0|	-12328.7|	28.6|	-66.8|				
| 12- 2|	3675.4|	3520.7|	0.0|	-1543.7|	149.2|	-20.2|				
| 7- 1|	14301.0|	715.7|	0.0|	-8654.4|	-0.2|	-78.2|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 2|Sx	Si	0.0|	0.0|	408.1|					
| 12- 2|	si| 6| Tz		6.8|	0.0|	63.9|					
| 7- 1|	si| 9| Ty		0.0|	9.1|	201.3|					
----- PROGR.										96.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	18339.4|	1552.4|	0.0|	-12328.7|	28.6|	-77.4|				
| 12- 2|	3090.5|	-78.8|	0.0|	-1543.7|	149.2|	-28.3|				
| 7- 1|	12285.8|	721.6|	0.0|	-8654.4|	-0.2|	-88.8|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 2|Sx	Si	0.0|	0.0|	391.2|					
| 12- 2|	si| 6| Tz		7.0|	0.0|	51.4|					
| 7- 1|	si| 9| Ty		0.0|	10.3|	201.5|					
----- PROGR.										121.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	16344.4|	863.4|	0.0|	-12328.7|	28.6|	-88.0|				
| 12- 2|	2309.2|	-3678.3|	0.0|	-1543.7|	149.2|	-36.5|				
| 7- 1|	10015.1|	727.5|	0.0|	-8654.4|	-0.2|	-99.4|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 2|Sx	Si	0.0|	0.0|	373.2|					
| 12- 2|	si| 6| Tz		7.2|	0.0|	38.3|					
| 7- 1|	si| 9| Ty		0.0|	11.5|	201.7|					
----- PROGR.										145.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	14094.0|	174.3|	0.0|	-12328.7|	28.6|	-98.6|				
| 12- 2|	1331.4|	-7277.8|	0.0|	-1543.7|	149.2|	-44.6|				
| 7- 1|	7489.1|	733.3|	0.0|	-8654.4|	-0.2|	-110.0|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 2|Sx	Si	0.0|	0.0|	354.0|					
| 12- 2|	si| 6| Tz		7.4|	0.0|	25.0|					
| 7- 1|	si| 9| Ty		0.0|	12.8|	201.9|					
----- PROGR.										169.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	11588.1|	-514.7|	0.0|	-12328.7|	28.6|	-109.2|				
| 12- 2|	157.1|	-10877.3|	0.0|	-1543.7|	149.2|	-52.7|				
| 7- 1|	4707.7|	739.2|	0.0|	-8654.4|	-0.2|	-120.6|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 1|Sx	Si	0.0|	0.0|	346.7|					
| 12- 2|	si| 6| Tz		7.5|	0.0|	14.3|					
| 7- 1|	si| 9| Ty		0.0|	14.0|	202.1|					
----- PROGR.										193.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1|	8826.9|	-1203.8|	0.0|	-12328.7|	28.6|	-119.7|				
| 12- 2|	-1213.6|	-14476.8|	0.0|	-1543.7|	149.2|	-60.9|				
| 7- 1|	1670.8|	745.1|	0.0|	-8654.4|	-0.2|	-131.2|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1|	si| 1|Sx	Si	0.0|	0.0|	342.7|					
| 12- 2|	si| 6| Tz		7.7|	0.0|	17.1|					
| 7- 1|	si| 9| Ty		0.0|	15.2|	202.4|					

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -12328.7|Mzeq = 22955.9|Myeq = 3231.5|Ss = -521.8 (0.199)

P_HEB140_S006 (6) stato limite ultimo - ASTA (317- 318) 568
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 12-15|	4499.5|	14499.4|	0.0|	-3197.8|	75.1|	9.3|
| 12-14|	-1101.8|	14582.0|	0.0|	195.9|	75.6|	38.3|
| 11- 6|	-7729.7|	-2856.0|	0.0|	4970.8|	-14.8|	72.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No	massimi	Sx	Tz	Ty	Si
| 12-15|si| 2|Sx	Si|	-279.8|	0.0|	0.0|	279.8|	
| 12-14|si| 5| Tz	Ty|	50.8|	4.1|	0.0|	51.3|	
| 11- 6|si| 9| Ty	Sx	113.7|	0.0|	-8.4|	114.6|	

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 12-15|	4624.7|	12687.0|	0.0|	-3197.8|	75.1|	1.1|
| 12-14|	-276.5|	12759.3|	0.0|	195.9|	75.6|	30.1|
| 11- 6|	-6075.9|	-2499.0|	0.0|	4970.8|	-14.8|	64.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No	massimi	Sx	Tz	Ty	Si
| 12-15|si| 2|Sx	Si|	-257.3|	0.0|	0.0|	257.3|	
| 12-14|si| 5| Tz	Ty|	41.8|	3.9|	0.0|	42.4|	
| 11- 6|si| 9| Ty	Sx	113.9|	0.0|	-7.5|	114.7|	

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11-12|	9424.4|	3174.3|	0.0|	-6759.5|	21.9|	-40.7|
| 12-14|	352.4|	10936.5|	0.0|	195.9|	75.6|	22.0|
| 11- 6|	-4618.5|	-2142.0|	0.0|	4970.8|	-14.8|	56.3|

TENSIONI (Sz= 0.00) :

Caso	Ve|No	massimi	Sx	Tz	Ty	Si
| 11-12|si| 2|Sx	Si|	-241.2|	0.0|	0.0|	241.2|	
| 12-14|si| 5| Tz	Ty|	33.8|	3.7|	0.0|	34.4|	
| 11- 6|si| 9| Ty	Sx	114.2|	0.0|	-6.5|	114.7|	

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11-12|	8344.8|	2645.2|	0.0|	-6759.5|	21.9|	-48.8|
| 12-15|	4285.6|	9062.1|	0.0|	-3197.8|	75.1|	-15.2|
| 11-11|	8356.2|	1799.1|	0.0|	-6836.8|	14.9|	-48.9|

TENSIONI (Sz= 0.00) :

Caso	Ve|No	massimi	Sx	Tz	Ty	Si
| 11-12|si| 2|Sx	Si|	-229.4|	0.0|	0.0|	229.4|	
| 12-15|si| 6| Tz	Ty|	-119.7|	3.5|	0.0|	119.9|	
| 11-11|si| 9| Ty	Sx	-157.7|	0.0|	5.7|	158.0|	

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11-12|	7068.7|	2116.2|	0.0|	-6759.5|	21.9|	-57.0|
| 12-15|	3821.4|	7249.7|	0.0|	-3197.8|	75.1|	-23.3|
| 11-11|	7077.9|	1439.3|	0.0|	-6836.8|	14.9|	-57.1|

TENSIONI (Sz= 0.00) :

Caso	Ve|No	massimi	Sx	Tz	Ty	Si
| 11-12|si| 2|Sx	Si|	-216.8|	0.0|	0.0|	216.8|	
| 12-15|si| 6| Tz	Ty|	-112.5|	3.7|	0.0|	112.6|	
| 11-11|si| 9| Ty	Sx	-158.0|	0.0|	6.6|	158.4|	

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11-12|	5596.2|	1587.1|	0.0|	-6759.5|	21.9|	-65.1|
| 12-15|	3160.8|	5437.3|	0.0|	-3197.8|	75.1|	-31.5|
| 11-11|	5603.1|	1079.4|	0.0|	-6836.8|	14.9|	-65.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No	massimi	Sx	Tz	Ty	Si
| 11-12|si| 2|Sx	Si|	-203.2|	0.0|	0.0|	203.2|	
| 12-15|si| 6| Tz	Ty|	-104.3|	3.9|	0.0|	104.5|	
| 11-11|si| 9| Ty	Sx	-158.2|	0.0|	7.6|	158.7|	

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11-12|	3927.3|	1058.1|	0.0|	-6759.5|	21.9|	-73.3|
| 12-15|	2303.6|	3624.8|	0.0|	-3197.8|	75.1|	-39.6|
| 11-11|	3931.8|	719.6|	0.0|	-6836.8|	14.9|	-73.3|

TENSIONI (Sz= 0.00) :

Caso	Ve|No	massimi	Sx	Tz	Ty	Si
| 11-12|si| 2|Sx	Si|	-188.8|	0.0|	0.0|	188.8|	
| 12-15|si| 6| Tz	Ty|	-95.2|	4.1|	0.0|	95.5|	
| 11-11|si| 9| Ty	Sx	-158.4|	0.0|	8.5|	159.1|	

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11-12|	2061.9|	529.0|	0.0|	-6759.5|	21.9|	-81.4|
| 12-15|	1250.0|	1812.4|	0.0|	-3197.8|	75.1|	-47.7|
| 11-11|	2064.2|	359.8|	0.0|	-6836.8|	14.9|	-81.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No	massimi	Sx	Tz	Ty	Si
| 11-12|si| 2|Sx	Si|	-173.4|	0.0|	0.0|	173.4|	
| 12-15|si| 6| Tz	Ty|	-85.2|	4.3|	0.0|	85.5|	
| 11-11|si| 9| Ty	Sx	-158.7|	0.0|	9.5|	159.5|	

----- PROGR. 193.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
11-11	0.0	0.0	0.0	-6836.8	14.9	-89.6
12-15	0.0	0.0	0.0	-3197.8	75.1	-55.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	3	Sx	-158.9	0.0	0.0	158.9
12-15	si	6	Tz	-74.3	4.5	0.0	74.7
11-11	si	9	TySi	-158.9	0.0	10.4	159.9

VERIFICA STABILITA` :

L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso11-12 - Nodo 2 - Asse Y
 Ned = -6759.5|Mzeq = 8508.3|Myeq = 3174.3|Ss = -284.5 (0.109)

P_HEB140_S006 (6) stato limite ultimo - ASTA (571- 576) 931
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-15384.0	-10.8	201.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-357.5	0.0	0.0	357.5
5- 1	si	6	Tz	-357.5	-8.0	0.0	357.8
5- 1	si	9	TySi	-357.5	0.0	-25.1	360.1

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	4733.7	260.2	-39.7	-15384.0	-10.8	190.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-382.8	0.0	0.0	382.8
5- 1	si	6	Tz	-380.2	-7.7	0.0	380.4
5- 1	si	9	Ty	-357.4	0.0	-23.9	359.7

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	9211.9	520.3	-39.7	-15384.0	-10.8	180.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-406.8	0.0	0.0	406.8
5- 1	si	6	Tz	-401.6	-7.5	0.0	401.9
5- 1	si	9	Ty	-357.2	0.0	-22.6	359.3

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	13434.8	780.5	-39.7	-15384.0	-10.8	169.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-429.7	0.0	0.0	429.7
5- 1	si	6	Tz	-421.9	-7.3	0.0	422.1
5- 1	si	9	Ty	-357.0	0.0	-21.4	358.9

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	17402.3	1040.6	-39.7	-15384.0	-10.8	159.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-451.4	0.0	0.0	451.4
5- 1	si	6	Tz	-441.1	-7.0	0.0	441.2
5- 1	si	9	Ty	-356.9	0.0	-20.2	358.6

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	21114.3	1300.8	-39.7	-15384.0	-10.8	148.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-471.9	0.0	0.0	471.9
5- 1	si	6	Tz	-459.0	-6.8	0.0	459.1
5- 1	si	9	Ty	-356.7	0.0	-18.9	358.2

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	24571.0	1561.0	-39.7	-15384.0	-10.8	138.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-491.2	0.0	0.0	491.2
5- 1	si	6	Tz	-475.7	-6.5	0.0	475.9
5- 1	si	9	Ty	-356.5	0.0	-17.7	357.8

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	27772.3	1821.1	-39.7	-15384.0	-10.8	127.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-509.3	0.0	0.0	509.3
5- 1	si	6	Tz	-491.3	-6.3	0.0	491.4
5- 1	si	9	Ty	-356.4	0.0	-16.5	357.5

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	30718.2	2081.3	-39.7	-15384.0	-10.8	116.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-526.3	0.0	0.0	526.3
5- 1	si	6	Tz	-505.7	-6.0	0.0	505.8
5- 1	si	9	Ty	-356.2	0.0	-15.3	357.2

Copertura area carburante - Relazione di calcolo

 VERIFICA STABILITA' :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -15384.0|Mzeq = 23038.6|Myeq = 1561.0|Ss = -592.6 (0.226)

P_HEB140_S006 (6) stato limite ultimo - ASTA (573- 577) 932

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.8	-14466.9	7.2	182.1
5- 1	0.0	0.0	-0.6	-14459.5	-3.8	182.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	-336.2	0.0	0.0	336.2
6- 1	|si	5	|Tz	-336.2	4.6	0.0	336.3
5- 1	|si	9	|Ty	-336.0	0.0	-21.2	338.0
6- 1	|si	9	|Si	-336.2	0.0	-21.2	338.2

 PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	4265.9	-174.2	0.8	-14466.9	7.2	171.5
5- 1	4271.4	92.1	-0.6	-14459.5	-3.8	171.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	-358.2	0.0	0.0	358.2
6- 1	|si	5	|Tz	-356.5	4.3	0.0	356.5
5- 1	|si	9	|Ty	-336.0	0.0	-20.0	337.8

 PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	8276.3	-348.4	0.8	-14466.9	7.2	160.9
12-11	2377.7	3284.9	3.8	-2790.1	-68.1	41.1
5- 1	8287.4	184.3	-0.6	-14459.5	-3.8	161.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	-379.0	0.0	0.0	379.0
12-11	|si	6	|Tz	-85.1	-4.1	0.0	85.4
5- 1	|si	9	|Ty	-335.9	0.0	-18.7	337.5

 PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	12031.4	-522.6	0.8	-14466.9	7.2	150.4
12-11	3271.9	4927.4	3.8	-2790.1	-68.1	33.0
5- 1	12048.0	276.4	-0.6	-14459.5	-3.8	150.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	-398.6	0.0	0.0	398.6
12-11	|si	6	|Tz	-93.9	-3.9	0.0	94.1
5- 1	|si	9	|Ty	-335.9	0.0	-17.5	337.2

 PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	15531.0	-696.8	0.8	-14466.9	7.2	139.8
12-11	3969.6	6569.9	3.8	-2790.1	-68.1	24.8
5- 1	15553.3	368.5	-0.6	-14459.5	-3.8	140.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	-417.0	0.0	0.0	417.0
12-11	|si	6	|Tz	-101.8	-3.7	0.0	102.0
5- 1	|si	9	|Ty	-335.8	0.0	-16.3	337.0

 PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	18775.3	-871.0	0.8	-14466.9	7.2	129.2
12-11	4470.8	8212.3	3.8	-2790.1	-68.1	16.7
5- 1	18803.1	460.6	-0.6	-14459.5	-3.8	129.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	-434.3	0.0	0.0	434.3
12-11	|si	6	|Tz	-108.7	-3.6	0.0	108.9
5- 1	|si	9	|Ty	-335.7	0.0	-15.1	336.7

 PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	21764.2	-1045.2	0.8	-14466.9	7.2	118.6
12-11	4775.6	9854.8	3.8	-2790.1	-68.1	8.6
5- 1	21797.5	552.8	-0.6	-14459.5	-3.8	118.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	-450.3	0.0	0.0	450.3
12-11	|si	6	|Tz	-114.7	-3.4	0.0	114.9
5- 1	|si	9	|Ty	-335.7	0.0	-13.8	336.5

 PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	24497.6	-1219.4	0.8	-14466.9	7.2	108.0
12-11	4884.0	11497.3	3.8	-2790.1	-68.1	0.4
5- 1	24536.5	644.9	-0.6	-14459.5	-3.8	108.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	-465.2	0.0	0.0	465.2
12-11	|si	6	|Tz	-119.9	-3.2	0.0	120.0
5- 1	|si	9	|Ty	-335.6	0.0	-12.6	336.3

 PROGR. 193.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6-1	26975.7	-1393.6	0.8	-14466.9	7.2	97.4
12-11	4795.8	13139.8	3.8	-2790.1	-68.1	-7.7
5-1	27020.1	737.0	-0.6	-14459.5	-3.8	97.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	|Sx	Si	0.0	0.0	478.9
12-11	|si|	5	Tz	-50.0	-3.3	0.0	50.3
5-1	|si|	9	Ty	-335.6	0.0	-11.4	336.1

VERIFICA STABILITA` :

L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr = 840959.4 |alfa(b) = 0.3400 |ki = 0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr = 305877.6 |alfa(c) = 0.4900 |ki = 0.7723 |
 Caso 6-1 - Nodo 1 - Asse Y
 Ned = -14466.9 |Mzeq = 20231.8 |Myeq = -1045.2 |Ss = -544.7 (0.208)

P_HEB140_S006 (6) stato limite ultimo - ASTA (576- 579) 934
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	30704.7	2402.7	68.2	-27961.0	30.5	82.9
12-12	5807.2	13647.9	14.0	-5727.9	145.7	41.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	|Sx	Si	-822.6	0.0	0.0
12-12	|si|	5	Tz	-121.5	8.2	0.0	122.3
5-1	|si|	9	Ty	-648.3	0.0	-12.5	648.6

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	32577.5	1667.8	68.2	-27961.0	30.5	72.3
12-12	6710.3	10131.8	14.0	-5727.9	145.7	33.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	|Sx	Si	-821.9	0.0	0.0
12-12	|si|	5	Tz	-135.6	8.0	0.0	136.3
5-1	|si|	9	Ty	-648.7	0.0	-11.3	649.0

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	34194.9	933.0	68.2	-27961.0	30.5	61.7
12-12	7417.0	6615.7	14.0	-5727.9	145.7	25.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	|Sx	Si	-820.1	0.0	0.0
12-12	|si|	5	Tz	-148.8	7.8	0.0	149.4
5-1	|si|	9	Ty	-649.2	0.0	-10.1	649.4

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	35556.9	198.1	68.2	-27961.0	30.5	51.2
12-12	7927.2	3099.6	14.0	-5727.9	145.7	17.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	|Sx	Si	-817.0	0.0	0.0
12-12	|si|	5	Tz	-161.1	7.6	0.0	161.6
5-1	|si|	9	Ty	-649.7	0.0	-8.8	649.9

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	36663.5	-536.8	68.2	-27961.0	30.5	40.6
12-12	8241.0	-416.5	14.0	-5727.9	145.7	8.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	|Sx	Si	-826.4	0.0	0.0
12-12	|si|	5	Tz	-172.5	7.4	0.0	172.9
5-1	|si|	9	Ty	-650.1	0.0	-7.6	650.3

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	37514.8	-1271.6	68.2	-27961.0	30.5	30.0
12-12	8358.3	-3932.5	14.0	-5727.9	145.7	0.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	|Sx	Si	-839.7	0.0	0.0
12-12	|si|	5	Tz	-182.9	7.2	0.0	183.3
5-1	|si|	9	Ty	-650.6	0.0	-6.4	650.7

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	38110.6	-2006.5	68.2	-27961.0	30.5	19.4
12-12	8279.1	-7448.6	14.0	-5727.9	145.7	-7.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	|Sx	Si	-851.9	0.0	0.0
12-12	|si|	6	Tz	-150.5	7.4	0.0	151.0
5-1	|si|	9	Ty	-651.1	0.0	-5.1	651.1

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	38451.0	-2741.3	68.2	-27961.0	30.5	8.8
12-12	8003.5	-10964.7	14.0	-5727.9	145.7	-15.5
7-2	6664.8	-1818.6	20.2	-5399.4	19.4	-27.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	|Sx	Si	-862.8	0.0	0.0
12-12	|si|	6	Tz	-139.3	7.6	0.0	139.9

Copertura area carburante - Relazione di calcolo

| 7- 2|si| 9|	Ty	-126.6|	0.0|	4.0|	126.8|		
-----							193.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	38536.1|	-3476.2|	68.2|	-27961.0|	30.5|	-1.8|	
| 12-12|	7531.4|	-14480.8|	14.0|	-5727.9|	145.7|	-23.6|	
| 7- 2|	5873.9|	-2287.4|	20.2|	-5399.4|	19.4|	-38.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-872.5|	0.0|	0.0|	872.5|		
| 12-12|si| 6|	Tz	-127.2|	7.7|	0.0|	127.9|		
| 7- 2|si| 9|	Ty	-126.9|	0.0|	5.3|	127.3|		

VERIFICA STABILITA` :							
|L0 = 193.|							
Z	|Lc = 193.|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|						
Y	|Lc = 193.|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|						
Caso 5- 1 - Nodo 1 - Asse Y							
Ned =	-27961.0|Mzeq = 38536.1|Myeq = -2607.1|Ss = -1062.6 (0.406)						

P_HEB140_S006 (6)	stato limite ultimo - ASTA (577- 580)						935
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	27018.9|	1468.3|	2.9|	-25727.1|	32.9|	107.3|	
| 12-12|	4824.1|	13591.8|	3.3|	-5327.8|	147.5|	50.8|	
| 6- 1|	26974.4|	-727.2|	5.5|	-25724.7|	9.0|	107.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	-741.7|	0.0|	0.0|	741.7|		
| 12-12|si| 5|	Tz	-107.8|	7.7|	0.0|	108.6|		
| 6- 1|si| 9|	Ty	-598.3|	0.0|	-12.7|	598.7|		
-----							24.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	29445.3|	-944.0|	5.5|	-25724.7|	9.0|	97.1|	
| 12-12|	5951.1|	10032.7|	3.3|	-5327.8|	147.5|	42.6|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-746.2|	0.0|	0.0|	746.2|		
| 12-12|si| 5|	Tz	-123.1|	7.5|	0.0|	123.8|		
| 6- 1|si| 9|	Ty	-598.4|	0.0|	-11.5|	598.8|		
-----							48.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	31660.8|	-1160.7|	5.5|	-25724.7|	9.0|	86.5|	
| 12-12|	6881.6|	6473.5|	3.3|	-5327.8|	147.5|	34.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-759.2|	0.0|	0.0|	759.2|		
| 12-12|si| 5|	Tz	-137.4|	7.3|	0.0|	138.0|		
| 6- 1|si| 9|	Ty	-598.6|	0.0|	-10.3|	598.8|		
-----							72.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	33621.0|	-1377.4|	5.5|	-25724.7|	9.0|	76.0|	
| 12-12|	7615.6|	2914.4|	3.3|	-5327.8|	147.5|	26.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	-771.1|	0.0|	0.0|	771.1|		
| 12-12|si| 5|	Tz	-150.9|	7.1|	0.0|	151.4|		
| 6- 1|si| 9|	Ty	-598.7|	0.0|	-9.1|	598.9|		
-----							96.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	35331.2|	-1705.5|	2.9|	-25727.1|	32.9|	65.0|	
| 12-12|	8153.2|	-644.7|	3.3|	-5327.8|	147.5|	18.2|	
| 6- 1|	35325.7|	-1594.1|	5.5|	-25724.7|	9.0|	65.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-783.2|	0.0|	0.0|	783.2|		
| 12-12|si| 5|	Tz	-163.4|	6.9|	0.0|	163.8|		
| 6- 1|si| 9|	Ty	-598.8|	0.0|	-7.8|	599.0|		
-----							121.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	36770.8|	-2499.0|	2.9|	-25727.1|	32.9|	54.4|	
| 12-12|	8494.4|	-4203.9|	3.3|	-5327.8|	147.5|	10.1|	
| 6- 1|	36775.0|	-1810.9|	5.5|	-25724.7|	9.0|	54.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-800.0|	0.0|	0.0|	800.0|		
| 12-12|si| 5|	Tz	-175.0|	6.7|	0.0|	175.4|		
| 6- 1|si| 9|	Ty	-599.0|	0.0|	-6.6|	599.1|		
-----							145.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	37954.9|	-3292.5|	2.9|	-25727.1|	32.9|	43.8|	
| 12-12|	8639.0|	-7763.0|	3.3|	-5327.8|	147.5|	1.9|	
| 6- 1|	37969.0|	-2027.6|	5.5|	-25724.7|	9.0|	44.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 1|Sx	Si	-815.6|	0.0|	0.0|	815.6|		
| 12-12|si| 5|	Tz	-185.7|	6.5|	0.0|	186.1|		
| 6- 1|si| 9|	Ty	-599.1|	0.0|	-5.4|	599.2|		
-----							169.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	

Copertura area carburante - Relazione di calcolo

| 5- 1|	38883.7|	-4085.9|	2.9|	-25727.1|	32.9|	33.2|
| 12-12|	8587.3|	-11322.1|	3.3|	-5327.8|	147.5|	-6.2|
| 6- 1|	38907.5|	-2244.3|	5.5|	-25724.7|	9.0|	33.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-830.0|	0.0|	0.0|	830.0|
| 12-12|si| 6| Tz |		-131.7|	6.6|	0.0|	132.2|
| 6- 1|si| 9| Ty |		-599.3|	0.0|	-4.1|	599.3|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	39557.1|	-4879.4|	2.9|	-25727.1|	32.9|	22.6|
| 12-12|	8339.0|	-14881.3|	3.3|	-5327.8|	147.5|	-14.4|
| 7- 2|	7629.1|	-2300.6|	6.1|	-5087.0|	17.0|	-22.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-843.2|	0.0|	0.0|	843.2|
| 12-12|si| 6| Tz |		-120.5|	6.8|	0.0|	121.1|
| 7- 2|si| 9| Ty |		-119.7|	0.0|	2.9|	119.8|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -25727.1|Mzeq = 39557.1|Myeq = -3659.6|Ss = -1014.1 (0.387)

P_HEB140_S006 (6) stato limite ultimo - ASTA (579- 582) 937
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	38527.9|	-3451.0|	44.8|	-31925.6|	-14.4|	81.0|
| 12-16|	7474.7|	-14687.3|	7.4|	-7127.8|	-107.5|	41.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-964.3|	0.0|	0.0|	964.3|
| 12-16|si| 6| Tz |		-158.9|	-6.1|	0.0|	159.2|
| 5- 1|si| 9| Ty |		-744.1|	0.0|	-11.3|	744.4|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	40354.7|	-3104.7|	44.8|	-31925.6|	-14.4|	70.4|
| 12-16|	8380.2|	-12094.8|	7.4|	-7127.8|	-107.5|	33.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-968.4|	0.0|	0.0|	968.4|
| 12-16|si| 6| Tz |		-170.4|	-5.9|	0.0|	170.7|
| 5- 1|si| 9| Ty |		-743.9|	0.0|	-10.1|	744.1|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	41926.2|	-2758.5|	44.8|	-31925.6|	-14.4|	59.8|
| 12-16|	9089.3|	-9502.2|	7.4|	-7127.8|	-107.5|	25.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-971.2|	0.0|	0.0|	971.2|
| 12-16|si| 6| Tz |		-181.0|	-5.7|	0.0|	181.2|
| 5- 1|si| 9| Ty |		-743.7|	0.0|	-8.8|	743.8|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	43242.2|	-2412.2|	44.8|	-31925.6|	-14.4|	49.3|
| 12-16|	9602.0|	-6909.6|	7.4|	-7127.8|	-107.5|	17.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-972.9|	0.0|	0.0|	972.9|
| 12-16|si| 6| Tz |		-190.6|	-5.5|	0.0|	190.9|
| 5- 1|si| 9| Ty |		-743.5|	0.0|	-7.6|	743.6|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	44302.9|	-2066.0|	44.8|	-31925.6|	-14.4|	38.7|
| 12-16|	9918.2|	-4317.0|	7.4|	-7127.8|	-107.5|	9.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-973.4|	0.0|	0.0|	973.4|
| 12-16|si| 6| Tz |		-199.4|	-5.3|	0.0|	199.6|
| 5- 1|si| 9| Ty |		-743.3|	0.0|	-6.4|	743.3|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45108.1|	-1719.7|	44.8|	-31925.6|	-14.4|	28.1|
| 12-16|	10037.9|	-1724.4|	7.4|	-7127.8|	-107.5|	0.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-972.8|	0.0|	0.0|	972.8|
| 12-16|si| 6| Tz |		-207.3|	-5.1|	0.0|	207.5|
| 5- 1|si| 9| Ty |		-743.0|	0.0|	-5.2|	743.1|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	45256.6|	-1899.7|	42.4|	-31738.3|	6.1|	18.3|
| 12- 5|	10659.6|	-1842.4|	9.6|	-7274.6|	101.2|	-12.8|
| 5- 1|	45658.0|	-1373.5|	44.8|	-31925.6|	-14.4|	17.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-971.4|	0.0|	0.0|	971.4|
| 12- 5|si| 6| Tz |		-213.2|	5.3|	0.0|	213.4|

Copertura area carburante - Relazione di calcolo

5-1	si	9	Ty	-742.8	0.0	-3.9	742.8		169.	
SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6-1		45570.2		-2047.5		42.4		-31738.3	6.1	7.7
12-5		10253.1		-4283.2		9.6		-7274.6	101.2	-20.9
8-2		8345.2		1932.3		11.3		-6305.8	-47.3	-27.5
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6-1	si	1	Sx	Si		-974.7		0.0	0.0	974.7
12-5	si	6	Tz			-204.5		5.5	0.0	204.7
8-2	si	9	Ty			-145.3		0.0	3.7	145.5
----- PROGR. 193.										
SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6-1		45628.5		-2195.2		42.4		-31738.3	6.1	-2.9
12-5		9650.1		-6724.0		9.6		-7274.6	101.2	-29.1
8-2		7553.8		3073.9		11.3		-6305.8	-47.3	-38.1
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6-1	si	1	Sx	Si		-976.9		0.0	0.0	976.9
12-5	si	6	Tz			-194.8		5.7	0.0	195.0
8-2	si	9	Ty			-144.6		0.0	4.9	144.8
----- PROGR. 193.										
VERIFICA STABILITA` :										
|L0 = 193. |										
Z	|Lc = 193. |	Ro = 5.93 |	lm = 32.6 |	Ncr= 840959.4 |	alfa(b)=0.3400 |	ki=0.9358 |				
Y	|Lc = 193. |	Ro = 3.57 |	lm = 54.0 |	Ncr= 305877.6 |	alfa(c)=0.4900 |	ki=0.7723 |				
Caso 5-1 - Nodo 1 - Asse Y										
Ned = -31925.6 | Mzeq = 45991.5 | Myeq = -2685.8 | Ss = -1220.3 (0.466)										
P_HEB140_S006 (6) stato limite ultimo - ASTA (580- 583) 938										
----- PROGR. 0.										
SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
5-1		39555.3		-4833.1		2.1		-34413.2	-27.9	89.0
12-16		8273.4		-15745.0		1.9		-7977.2	-115.7	42.8
6-1		39588.8		-2430.6		3.5		-34435.9	-8.4	89.0
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
5-1	si	1	Sx	Si		-1044.5		0.0	0.0	1044.5
12-16	si	6	Tz			-179.3		-6.0	0.0	179.6
6-1	si	9	Ty			-801.8		0.0	-10.5	802.0
----- PROGR. 24.										
SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
5-1		41575.8		-4158.9		2.1		-34413.2	-27.9	78.5
12-16		9208.1		-12952.9		1.9		-7977.2	-115.7	34.7
6-1		41608.5		-2228.5		3.5		-34435.9	-8.4	78.4
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
5-1	si	1	Sx	Si		-1045.3		0.0	0.0	1045.3
12-16	si	6	Tz			-191.5		-5.8	0.0	191.8
6-1	si	9	Ty			-801.7		0.0	-9.3	801.9
----- PROGR. 48.										
SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
5-1		43340.9		-3484.8		2.1		-34413.2	-27.9	67.9
12-16		9946.3		-10160.9		1.9		-7977.2	-115.7	26.5
6-1		43372.7		-2026.4		3.5		-34435.9	-8.4	67.8
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
5-1	si	1	Sx	Si		-1044.9		0.0	0.0	1044.9
12-16	si	6	Tz			-202.8		-5.7	0.0	203.0
6-1	si	9	Ty			-801.6		0.0	-8.0	801.7
----- PROGR. 72.										
SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
5-1		44850.6		-2810.6		2.1		-34413.2	-27.9	57.3
12-16		10488.1		-7368.8		1.9		-7977.2	-115.7	18.4
6-1		44881.6		-1824.3		3.5		-34435.9	-8.4	57.3
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
5-1	si	1	Sx	Si		-1043.3		0.0	0.0	1043.3
12-16	si	6	Tz			-213.2		-5.5	0.0	213.4
6-1	si	9	Ty			-801.4		0.0	-6.8	801.5
----- PROGR. 96.										
SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
5-1		46104.9		-2136.5		2.1		-34413.2	-27.9	46.7
12-16		10833.4		-4576.7		1.9		-7977.2	-115.7	10.2
6-1		46135.1		-1622.2		3.5		-34435.9	-8.4	46.7
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
5-1	si	1	Sx	Si		-1040.5		0.0	0.0	1040.5
12-16	si	6	Tz			-222.7		-5.3	0.0	222.8
6-1	si	9	Ty			-801.3		0.0	-5.6	801.4
----- PROGR. 121.										
SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6-1		47133.1		-1420.1		3.5		-34435.9	-8.4	36.1
12-16		10982.3		-1784.7		1.9		-7977.2	-115.7	2.1
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6-1	si	1	Sx	Si		-1036.7		0.0	0.0	1036.7
12-16	si	6	Tz			-231.2		-5.1	0.0	231.4
6-1	si	9	Ty			-801.2		0.0	-4.3	801.2
----- PROGR. 145.										

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 47875.8 | -1218.0 | 3.5 | -34435.9 | -8.4 | 25.5 |
| 12-16 | 10934.7 | 1007.4 | 1.9 | -7977.2 | -115.7 | -6.0 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -1037.5 | 0.0 | 0.0 | 1037.5 |
| 12-16 | si | 5 | Tz | -233.2 | -5.2 | 0.0 | 233.4 |
| 6- 1 | si | 9 | Ty | -801.0 | 0.0 | -3.1 | 801.1 |
----- PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 48363.1 | -1015.9 | 3.5 | -34435.9 | -8.4 | 14.9 |
| 12-16 | 10690.6 | 3799.5 | 1.9 | -7977.2 | -115.7 | -14.2 |
| 7- 2 | 9565.8 | 572.8 | 3.6 | -7256.5 | -17.8 | -25.6 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -1037.2 | 0.0 | 0.0 | 1037.2 |
| 12-16 | si | 5 | Tz | -224.2 | -5.4 | 0.0 | 224.4 |
| 7- 2 | si | 9 | Ty | -168.3 | 0.0 | 3.1 | 168.4 |
----- PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 48595.0 | -813.8 | 3.5 | -34435.9 | -8.4 | 4.3 |
| 12-16 | 10250.1 | 6591.5 | 1.9 | -7977.2 | -115.7 | -22.3 |
| 7- 2 | 8821.0 | 1001.7 | 3.6 | -7256.5 | -17.8 | -36.2 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -1035.7 | 0.0 | 0.0 | 1035.7 |
| 12-16 | si | 5 | Tz | -214.3 | -5.6 | 0.0 | 214.5 |
| 7- 2 | si | 9 | Ty | -168.0 | 0.0 | 4.4 | 168.2 |
----- PROGR. 193.

VERIFICA STABILITA` :
| L0 = 193. |
Z | Lc = 193. | Ro = 5.93 | lm = 32.6 | Ncr = 840959.4 | alfa(b) = 0.3400 | ki = 0.9358 |
Y | Lc = 193. | Ro = 3.57 | lm = 54.0 | Ncr = 305877.6 | alfa(c) = 0.4900 | ki = 0.7723 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -34413.2 | Mzeq = 48568.2 | Myeq = -3624.8 | Ss = -1322.1 ( 0.505 )

P_HEB140_S006 ( 6 ) stato limite ultimo - ASTA ( 582- 585 ) 940
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 45624.7 | -2570.8 | 12.2 | -34888.6 | -22.7 | 2.4 |
| 8- 1 | 41035.1 | -3385.3 | 11.1 | -31516.3 | -26.1 | 6.5 |
| 7- 2 | 6948.9 | 583.5 | -3.0 | -6847.9 | 2.2 | 40.4 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -1054.8 | 0.0 | 0.0 | 1054.8 |
| 8- 1 | si | 6 | Tz | -912.9 | -2.1 | 0.0 | 912.9 |
| 7- 2 | si | 9 | Ty | -158.8 | 0.0 | -4.8 | 159.0 |
----- PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 45555.2 | -2023.4 | 12.2 | -34888.6 | -22.7 | -8.2 |
| 7- 1 | 41596.7 | -1034.0 | 17.3 | -31660.9 | -16.0 | -7.1 |
| 7- 2 | 7796.6 | 530.5 | -3.0 | -6847.9 | 2.2 | 29.8 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -1047.6 | 0.0 | 0.0 | 1047.6 |
| 7- 1 | si | 5 | Tz | -931.4 | -2.1 | 0.0 | 931.4 |
| 7- 2 | si | 9 | Ty | -158.8 | 0.0 | -3.6 | 158.9 |
----- PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 45230.3 | -1475.9 | 12.2 | -34888.6 | -22.7 | -18.8 |
| 7- 1 | 41298.8 | -649.0 | 17.3 | -31660.9 | -16.0 | -17.6 |
| 5- 1 | 45506.5 | -591.2 | 16.0 | -34975.4 | -16.6 | -20.5 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -1039.1 | 0.0 | 0.0 | 1039.1 |
| 7- 1 | si | 5 | Tz | -928.9 | -2.3 | 0.0 | 928.9 |
| 5- 1 | si | 9 | Ty | -813.2 | 0.0 | 3.1 | 813.2 |
----- PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 44650.0 | -928.5 | 12.2 | -34888.6 | -22.7 | -29.3 |
| 7- 1 | 40745.4 | -264.1 | 17.3 | -31660.9 | -16.0 | -28.2 |
| 5- 1 | 44883.1 | -191.2 | 16.0 | -34975.4 | -16.6 | -31.1 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -1029.4 | 0.0 | 0.0 | 1029.4 |
| 7- 1 | si | 5 | Tz | -925.2 | -2.6 | 0.0 | 925.3 |
| 5- 1 | si | 9 | Ty | -812.9 | 0.0 | 4.3 | 813.0 |
----- PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 44004.2 | 208.7 | 16.0 | -34975.4 | -16.6 | -41.7 |
| 7- 1 | 39936.7 | 120.9 | 17.3 | -31660.9 | -16.0 | -38.8 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 5- 1 | si | 2 | Sx | Si | -1019.3 | 0.0 | 0.0 | 1019.3 |
| 7- 1 | si | 5 | Tz | -920.4 | -2.8 | 0.0 | 920.4 |
| 5- 1 | si | 9 | Ty | -812.7 | 0.0 | 5.5 | 812.7 |
----- PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 42870.0 | 608.6 | 16.0 | -34975.4 | -16.6 | -52.3 |

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Copertura area carburante - Relazione di calcolo

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| 7- 1|      38872.6|      505.8|      17.3| -31660.9|      -16.0|      -49.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -1019.1|      0.0|      0.0| 1019.1|
| 7- 1|si| 5|  Tz |      -914.4|     -3.1|      0.0|  914.4|
| 5- 1|si| 9|  Ty |      -812.4|      0.0|      6.8|  812.5|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      41480.3|     1008.5|     16.0| -34975.4|     -16.6|     -62.9|
| 7- 1|      37553.1|     890.8|     17.3| -31660.9|     -16.0|     -60.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -1017.8|      0.0|      0.0| 1017.8|
| 7- 1|si| 5|  Tz |      -907.2|     -3.3|      0.0|  907.2|
| 5- 1|si| 9|  Ty |      -812.2|      0.0|      8.0|  812.3|
-----
PROGR. 169.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      39835.3|     1408.4|     16.0| -34975.4|     -16.6|     -73.5|
| 7- 1|      35978.1|     1275.7|     17.3| -31660.9|     -16.0|     -70.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -1015.2|      0.0|      0.0| 1015.2|
| 7- 1|si| 5|  Tz |      -898.8|     -3.6|      0.0|  898.8|
| 5- 1|si| 9|  Ty |      -811.9|      0.0|      9.2|  812.1|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      37934.9|     1808.3|     16.0| -34975.4|     -16.6|     -84.1|
| 7- 1|      34147.8|     1660.7|     17.3| -31660.9|     -16.0|     -81.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -1011.5|      0.0|      0.0| 1011.5|
| 7- 1|si| 5|  Tz |      -889.3|     -3.8|      0.0|  889.3|
| 5- 1|si| 9|  Ty |      -811.7|      0.0|     10.4|  811.9|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -34888.6|Mzeq = 45624.7|Myeq = -1928.1|Ss = -1298.0 ( 0.496)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 583- 586) 941
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      48594.1|     -1454.8|      0.4| -36914.0|     -13.6|     -9.9|
| 12- 6|      9959.9|     -5215.5|      0.0| -8209.6|     -19.1|     21.6|
| 8- 2|      8776.0|     2530.9|      0.2| -7744.1|      10.9|     33.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -1101.5|      0.0|      0.0| 1101.5|
| 12- 6|si| 6|  Tz |      -222.2|     -1.3|      0.0|  222.2|
| 8- 2|si| 9|  Ty |      -178.4|      0.0|     -3.9|  178.5|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      48226.8|     -1125.5|      0.4| -36914.0|     -13.6|     -20.5|
| 12- 6|      10383.3|     -4753.9|      0.0| -8209.6|     -19.1|     13.5|
| 8- 2|      9446.7|     2268.2|      0.2| -7744.1|      10.9|     22.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -1095.6|      0.0|      0.0| 1095.6|
| 12- 6|si| 6|  Tz |      -225.5|     -1.1|      0.0|  225.5|
| 8- 2|si| 9|  Ty |      -178.5|      0.0|     -2.6|  178.6|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      47604.1|     -796.2|      0.4| -36914.0|     -13.6|     -31.1|
| 8- 1|      43035.6|     -1477.8|      0.3| -33379.3|     -16.7|     -25.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -1088.5|      0.0|      0.0| 1088.5|
| 8- 1|si| 5|  Tz |      -979.2|     -1.3|      0.0|  979.2|
| 6- 1|si| 9|  Ty |      -858.4|      0.0|      3.6|  858.4|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      46725.9|     -466.9|      0.4| -36914.0|     -13.6|     -41.7|
| 8- 1|      42282.5|     -1073.9|      0.3| -33379.3|     -16.7|     -36.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -1080.2|      0.0|      0.0| 1080.2|
| 8- 1|si| 5|  Tz |      -974.6|     -1.6|      0.0|  974.6|
| 6- 1|si| 9|  Ty |      -858.2|      0.0|      4.9|  858.2|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      45583.2|     503.2|      0.2| -36914.1|     -8.1|     -52.1|
| 8- 1|      41274.0|     -670.0|      0.3| -33379.3|     -16.7|     -47.1|
| 6- 1|      45592.4|     -137.6|      0.4| -36914.0|     -13.6|     -52.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -1075.4|      0.0|      0.0| 1075.4|
| 8- 1|si| 5|  Tz |      -968.8|     -1.8|      0.0|  968.8|
| 6- 1|si| 9|  Ty |      -858.0|      0.0|      6.1|  858.0|

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Copertura area carburante - Relazione di calcolo

-----										PROGR.	121.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	44198.7 |	699.3 |	0.2 |	-36914.1 |	-8.1 |	-62.7 |					
| 8- 1 |	40010.1 |	-266.2 |	0.3 |	-33379.3 |	-16.7 |	-57.7 |					
| 6- 1 |	44203.5 |	191.6 |	0.4 |	-36914.0 |	-13.6 |	-62.9 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 2|Sx	Si |	-1071.5 |	0.0 |	0.0 |	1071.5 |					
| 8- 1 |	|si| 5| Tz	|	-961.8 |	-2.1 |	0.0 |	961.8 |					
| 6- 1 |	|si| 9| Ty	|	-857.7 |	0.0 |	7.3 |	857.8 |					
-----										PROGR.	145.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	42558.9 |	895.5 |	0.2 |	-36914.1 |	-8.1 |	-73.3 |					
| 8- 1 |	38490.8 |	137.7 |	0.3 |	-33379.3 |	-16.7 |	-68.3 |					
| 6- 1 |	42559.2 |	520.9 |	0.4 |	-36914.0 |	-13.6 |	-73.5 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 2|Sx	Si |	-1066.4 |	0.0 |	0.0 |	1066.4 |					
| 8- 1 |	|si| 5| Tz	|	-953.6 |	-2.3 |	0.0 |	953.6 |					
| 6- 1 |	|si| 9| Ty	|	-857.5 |	0.0 |	8.5 |	857.7 |					
-----										PROGR.	169.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	40663.6 |	1091.6 |	0.2 |	-36914.1 |	-8.1 |	-83.9 |					
| 8- 1 |	36716.1 |	541.6 |	0.3 |	-33379.3 |	-16.7 |	-78.9 |					
| 6- 1 |	40659.4 |	850.2 |	0.4 |	-36914.0 |	-13.6 |	-84.0 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 2|Sx	Si |	-1060.1 |	0.0 |	0.0 |	1060.1 |					
| 8- 1 |	|si| 5| Tz	|	-944.2 |	-2.6 |	0.0 |	944.3 |					
| 6- 1 |	|si| 9| Ty	|	-857.3 |	0.0 |	9.8 |	857.5 |					
-----										PROGR.	193.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	38512.9 |	1287.8 |	0.2 |	-36914.1 |	-8.1 |	-94.4 |					
| 8- 1 |	34685.9 |	945.4 |	0.3 |	-33379.3 |	-16.7 |	-89.4 |					
| 6- 1 |	38504.3 |	1179.5 |	0.4 |	-36914.0 |	-13.6 |	-94.6 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 2|Sx	Si |	-1052.6 |	0.0 |	0.0 |	1052.6 |					
| 8- 1 |	|si| 5| Tz	|	-933.7 |	-2.8 |	0.0 |	933.7 |					
| 6- 1 |	|si| 9| Ty	|	-857.1 |	0.0 |	11.0 |	857.3 |					

VERIFICA STABILITA` :											
|L0 = 193. |											
Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa (b) =0.3400 |ki=0.9358 |											
Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa (c) =0.4900 |ki=0.7723 |											
Caso 6- 1 - Nodo 1 - Asse Y											
Ned = -36914.0 |Mzeq = 48594.1 |Myeq = -1091.1 |Ss = -1362.0 (0.520)											
P_HEB140_S006 (6) stato limite ultimo - ASTA (585- 588) 943											
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	37934.3 |	1102.9 |	-8.7 |	-34996.3 |	2.6 |	89.0 |					
| 8- 1 |	34118.9 |	1153.7 |	-11.3 |	-31514.5 |	15.9 |	83.7 |					
| 6- 1 |	37917.5 |	1247.5 |	-12.4 |	-34886.6 |	11.4 |	88.3 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 2|Sx	Si |	-1003.0 |	0.0 |	0.0 |	1003.0 |					
| 8- 1 |	|si| 5| Tz	|	-887.2 |	3.4 |	0.0 |	887.2 |					
| 6- 1 |	|si| 9| Ty	|	-810.0 |	0.0 |	-10.8 |	810.2 |					
-----										PROGR.	24.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	39952.8 |	1041.3 |	-8.7 |	-34996.3 |	2.6 |	78.4 |					
| 8- 1 |	36010.1 |	769.1 |	-11.3 |	-31514.5 |	15.9 |	73.1 |					
| 6- 1 |	39919.1 |	972.3 |	-12.4 |	-34886.6 |	11.4 |	77.7 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 2|Sx	Si |	-1011.6 |	0.0 |	0.0 |	1011.6 |					
| 8- 1 |	|si| 5| Tz	|	-897.0 |	3.2 |	0.0 |	897.0 |					
| 6- 1 |	|si| 9| Ty	|	-810.1 |	0.0 |	-9.5 |	810.3 |					
-----										PROGR.	48.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	41715.9 |	979.6 |	-8.7 |	-34996.3 |	2.6 |	67.8 |					
| 8- 1 |	37645.8 |	384.6 |	-11.3 |	-31514.5 |	15.9 |	62.5 |					
| 6- 1 |	41665.3 |	697.1 |	-12.4 |	-34886.6 |	11.4 |	67.1 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 2|Sx	Si |	-1019.0 |	0.0 |	0.0 |	1019.0 |					
| 8- 1 |	|si| 5| Tz	|	-905.7 |	2.9 |	0.0 |	905.7 |					
| 6- 1 |	|si| 9| Ty	|	-810.3 |	0.0 |	-8.3 |	810.4 |					
-----										PROGR.	72.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1 |	43223.6 |	917.9 |	-8.7 |	-34996.3 |	2.6 |	57.2 |					
| 8- 1 |	39026.2 |	0.0 |	-11.3 |	-31514.5 |	15.9 |	51.9 |					
| 6- 1 |	43156.0 |	421.8 |	-12.4 |	-34886.6 |	11.4 |	56.5 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1 |	|si| 2|Sx	Si |	-1025.2 |	0.0 |	0.0 |	1025.2 |					
| 8- 1 |	|si| 5| Tz	|	-913.1 |	2.7 |	0.0 |	913.1 |					
6- 1	si 9 Ty		-810.5	0.0	-7.1	810.6					
-----										PROGR.	96.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 44475.8 | 856.2 | -8.7 | -34996.3 | 2.6 | 46.6 |
| 8- 1 | 40151.2 | -384.5 | -11.3 | -31514.5 | 15.9 | 41.3 |
| 6- 1 | 44391.4 | 146.6 | -12.4 | -34886.6 | 11.4 | 45.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1030.2 | 0.0 | 0.0 | 1030.2 |
| 8- 1|si| 5|  Tz |  -919.4 | 2.5 | 0.0 | 919.4 |
| 6- 1|si| 9|   Ty | -810.7 | 0.0 | -5.9 | 810.7 |
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 45472.7 | 794.5 | -8.7 | -34996.3 | 2.6 | 36.0 |
| 8- 1 | 41020.8 | -769.1 | -11.3 | -31514.5 | 15.9 | 30.8 |
| 6- 1 | 45371.4 | -128.6 | -12.4 | -34886.6 | 11.4 | 35.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1034.0 | 0.0 | 0.0 | 1034.0 |
| 8- 1|si| 5|  Tz |  -924.5 | 2.2 | 0.0 | 924.5 |
| 6- 1|si| 9|   Ty | -810.8 | 0.0 | -4.6 | 810.9 |
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 46214.2 | 732.8 | -8.7 | -34996.3 | 2.6 | 25.4 |
| 12- 3 | 10375.1 | -5660.5 | -5.9 | -7831.5 | 34.9 | -6.5 |
| 6- 1 | 46096.0 | -403.8 | -12.4 | -34886.6 | 11.4 | 24.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1036.7 | 0.0 | 0.0 | 1036.7 |
| 12- 3|si| 6|  Tz |  -214.1 | 2.1 | 0.0 | 214.1 |
| 6- 1|si| 9|   Ty | -811.0 | 0.0 | -3.4 | 811.0 |
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 46700.3 | 671.1 | -8.7 | -34996.3 | 2.6 | 14.9 |
| 12- 3 | 10120.1 | -6501.5 | -5.9 | -7831.5 | 34.9 | -14.6 |
| 7- 2 | 8357.9 | 191.8 | -9.3 | -6809.2 | 0.6 | -26.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1038.1 | 0.0 | 0.0 | 1038.1 |
| 12- 3|si| 6|  Tz |  -210.5 | 2.2 | 0.0 | 210.6 |
| 7- 2|si| 9|   Ty | -158.1 | 0.0 | 3.5 | 158.2 |
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 46779.0 | -954.3 | -12.4 | -34886.6 | 11.4 | 3.6 |
| 12- 3 | 9668.6 | -7342.5 | -5.9 | -7831.5 | 34.9 | -22.8 |
| 7- 2 | 7590.4 | 177.9 | -9.3 | -6809.2 | 0.6 | -37.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -1039.6 | 0.0 | 0.0 | 1039.6 |
| 12- 3|si| 6|  Tz |  -206.1 | 2.4 | 0.0 | 206.1 |
| 7- 2|si| 9|   Ty | -158.1 | 0.0 | 4.7 | 158.3 |
-----
PROGR. 193.

VERIFICA STABILITA' :
|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -34996.3|Mzeq = 46931.0|Myeq = 1102.9|Ss = -1295.8 ( 0.495)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 586- 589) 944
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 38512.7 | 620.6 | 0.4 | -36934.0 | 1.6 | 94.9 |
| 8- 1 | 34686.0 | 275.6 | 0.1 | -33379.3 | 10.7 | 89.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1044.6 | 0.0 | 0.0 | 1044.6 |
| 8- 1|si| 5|  Tz |  -935.6 | 2.5 | 0.0 | 935.6 |
| 5- 1|si| 9|   Ty | -857.9 | 0.0 | -11.0 | 858.1 |
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 40675.0 | 582.2 | 0.4 | -36934.0 | 1.6 | 84.3 |
| 8- 1 | 36720.8 | 17.3 | 0.1 | -33379.3 | 10.7 | 79.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1054.1 | 0.0 | 0.0 | 1054.1 |
| 8- 1|si| 5|  Tz |  -945.7 | 2.3 | 0.0 | 945.8 |
| 5- 1|si| 9|   Ty | -858.0 | 0.0 | -9.8 | 858.1 |
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 42581.9 | 543.7 | 0.4 | -36934.0 | 1.6 | 73.7 |
| 8- 1 | 38500.2 | -241.0 | 0.1 | -33379.3 | 10.7 | 68.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -1062.5 | 0.0 | 0.0 | 1062.5 |
| 8- 1|si| 5|  Tz |  -954.7 | 2.0 | 0.0 | 954.7 |
| 5- 1|si| 9|   Ty | -858.0 | 0.0 | -8.6 | 858.1 |
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 44233.4 | 505.2 | 0.4 | -36934.0 | 1.6 | 63.2 |
| 8- 1 | 40024.2 | -499.2 | 0.1 | -33379.3 | 10.7 | 57.9 |

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Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :									
Caso	Ve No	massimi	Sx	Tz	Ty	Si			
| 5- 1|	|si| 2|	Sx	Si	-1069.6|	0.0|	0.0|	1069.6|		
| 8- 1|	|si| 5|	Tz		-962.5|	1.8|	0.0|	962.5|		
| 5- 1|	|si| 9|	Ty		-858.0|	0.0|	-7.4|	858.1|		
									PROGR. 96.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	45629.5|	466.7|	0.4|	-36934.0|	1.6|	52.6|			
| 8- 1|	41292.9|	-757.5|	0.1|	-33379.3|	10.7|	47.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 2|	Sx	Si	-1075.6|	0.0|	0.0|	1075.6|		
| 8- 1|	|si| 5|	Tz		-969.1|	1.6|	0.0|	969.1|		
| 5- 1|	|si| 9|	Ty		-858.0|	0.0|	-6.1|	858.1|		
									PROGR. 121.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	46770.3|	428.2|	0.4|	-36934.0|	1.6|	42.0|			
| 12- 1|	10720.5|	-4801.6|	0.1|	-8274.6|	29.0|	3.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 2|	Sx	Si	-1080.4|	0.0|	0.0|	1080.4|		
| 12- 1|	|si| 5|	Tz		-255.5|	1.3|	0.0|	255.5|		
| 5- 1|	|si| 9|	Ty		-858.1|	0.0|	-4.9|	858.1|		
									PROGR. 145.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	47628.2|	-576.3|	0.1|	-36914.0|	7.0|	31.3|			
| 12-16|	10780.5|	5612.5|	-0.4|	-8452.7|	-28.5|	-5.6|			
| 5- 1|	47655.6|	389.8|	0.4|	-36934.0|	1.6|	31.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 1|	Sx	Si	-1085.8|	0.0|	0.0|	1085.8|		
| 12-16|	|si| 5|	Tz		-230.5|	-1.4|	0.0|	230.6|		
| 5- 1|	|si| 9|	Ty		-858.1|	0.0|	-3.7|	858.1|		
									PROGR. 169.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	48255.0|	-745.7|	0.1|	-36914.0|	7.0|	20.7|			
| 12-16|	10548.3|	6299.0|	-0.4|	-8452.7|	-28.5|	-13.7|			
| 7- 2|	9384.2|	371.4|	-0.5|	-7710.8|	-2.3|	-22.8|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 1|	Sx	Si	-1090.9|	0.0|	0.0|	1090.9|		
| 12-16|	|si| 5|	Tz		-227.5|	-1.6|	0.0|	227.5|		
| 7- 2|	|si| 9|	Ty		-179.0|	0.0|	2.7|	179.0|		
									PROGR. 193.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	48626.3|	-915.0|	0.1|	-36914.0|	7.0|	10.1|			
| 12-16|	10119.7|	6985.4|	-0.4|	-8452.7|	-28.5|	-21.8|			
| 7- 2|	8706.5|	427.4|	-0.5|	-7710.8|	-2.3|	-33.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 1|	Sx	Si	-1094.7|	0.0|	0.0|	1094.7|		
| 12-16|	|si| 5|	Tz		-223.6|	-1.7|	0.0|	223.6|		
| 7- 2|	|si| 9|	Ty		-178.9|	0.0|	3.9|	179.1|		

VERIFICA STABILITA` :									
|L0 =	193. |								
Z |Lc =	193. |Ro =	5.93|lm =	32.6|Ncr=	840959.4|	alfa(b)=	0.3400|ki=	0.9358|		
Y |Lc =	193. |Ro =	3.57|lm =	54.0|Ncr=	305877.6|	alfa(c)=	0.4900|ki=	0.7723|		
Caso 6- 1 -	Nodo 1 -	Asse Y							
Ned =	-36914.0|Mzeq =	48626.3|Myeq =	-686.3|Ss =	-1356.3 (	0.518)				

P_HEB140_S006 (	6)		stato limite ultimo	-	ASTA (	588- 591)	946		
									PROGR. 0.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	46783.1|	-1578.5|	-42.7|	-32965.5|	-32.6|	4.3|			
| 12- 8|	9712.2|	-7964.0|	-10.4|	-7497.2|	-123.6|	24.6|			
| 7- 2|	7591.8|	357.3|	-15.3|	-6656.5|	0.7|	40.8|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 1|	Sx	Si	-1002.9|	0.0|	0.0|	1002.9|		
| 12- 8|	|si| 6|	Tz		-196.8|	-6.6|	0.0|	197.1|		
| 7- 2|	|si| 9|	Ty		-154.5|	0.0|	-5.4|	154.7|		
									PROGR. 24.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	46760.1|	-793.1|	-42.7|	-32965.5|	-32.6|	-6.2|			
| 12- 8|	10208.1|	-4981.6|	-10.4|	-7497.2|	-123.6|	16.5|			
| 7- 2|	8449.0|	340.2|	-15.3|	-6656.5|	0.7|	30.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 1|	Sx	Si	-992.8|	0.0|	0.0|	992.8|		
| 12- 8|	|si| 6|	Tz		-207.5|	-6.4|	0.0|	207.8|		
| 7- 2|	|si| 9|	Ty		-154.5|	0.0|	-4.2|	154.6|		
									PROGR. 48.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	46620.7|	470.3|	-40.3|	-32971.0|	-8.4|	-17.1|			
| 12- 8|	10507.7|	-1999.2|	-10.4|	-7497.2|	-123.6|	8.3|			
6- 1	46481.7	-7.7	-42.7	-32965.5	-32.6	-16.8			
TENSIONI (Sz= 0.00) :									
Caso	Ve No	massimi	Sx	Tz	Ty	Si			
5- 1	si 2	Sx	Si	-988.1	0.0	0.0	988.1		

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12- 8 si 6	Tz	-217.3	-6.2	0.0	217.5	
6- 1 si 9	Ty	-766.1	0.0	3.8	766.1	

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	45947.9|	777.7|	-42.7|	-32965.5|	-32.6|	-27.4|
12- 8|	10610.7|	983.2|	-10.4|	-7497.2|	-123.6|	0.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx	Si	-988.8|	0.0|	0.0|	988.8|
12- 8|si| 6|	Tz	-226.1|	-6.0|	0.0|	226.4|
6- 1|si| 9|	Ty	-765.6|	0.0|	5.0|	765.7|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	45158.7|	1563.1|	-42.7|	-32965.5|	-32.6|	-38.0|
12- 8|	10517.3|	3965.6|	-10.4|	-7497.2|	-123.6|	-7.9|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx	Si	-995.2|	0.0|	0.0|	995.2|
12- 8|si| 5|	Tz	-211.8|	-6.2|	0.0|	212.0|
6- 1|si| 9|	Ty	-765.1|	0.0|	6.2|	765.2|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	44114.1|	2348.5|	-42.7|	-32965.5|	-32.6|	-48.6|
12- 8|	10227.5|	6948.0|	-10.4|	-7497.2|	-123.6|	-16.1|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx	Si	-1000.3|	0.0|	0.0|	1000.3|
12- 8|si| 5|	Tz	-202.0|	-6.4|	0.0|	202.3|
6- 1|si| 9|	Ty	-764.6|	0.0|	7.5|	764.7|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	42814.1|	3133.9|	-42.7|	-32965.5|	-32.6|	-59.2|
12- 8|	9741.1|	9930.4|	-10.4|	-7497.2|	-123.6|	-24.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx	Si	-1004.3|	0.0|	0.0|	1004.3|
12- 8|si| 5|	Tz	-191.3|	-6.5|	0.0|	191.7|
6- 1|si| 9|	Ty	-764.1|	0.0|	8.7|	764.3|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	41258.8|	3919.3|	-42.7|	-32965.5|	-32.6|	-69.8|
12- 8|	9058.4|	12912.8|	-10.4|	-7497.2|	-123.6|	-32.4|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx	Si	-1007.1|	0.0|	0.0|	1007.1|
12- 8|si| 5|	Tz	-179.8|	-6.7|	0.0|	180.2|
6- 1|si| 9|	Ty	-763.6|	0.0|	9.9|	763.8|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	39448.0|	4704.7|	-42.7|	-32965.5|	-32.6|	-80.4|
12- 8|	8179.1|	15895.2|	-10.4|	-7497.2|	-123.6|	-40.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx	Si	-1008.7|	0.0|	0.0|	1008.7|
12- 8|si| 5|	Tz	-167.3|	-6.9|	0.0|	167.7|
6- 1|si| 9|	Ty	-763.1|	0.0|	11.1|	763.4|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -32965.5|Mzeq = 46783.1|Myeq = 3528.5|Ss = -1267.9 (0.484)

P_HEB140_S006 (6) stato limite ultimo - ASTA (589- 592) 947
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	48627.2|	-1724.2|	2.3|	-34482.7|	-38.0|	-3.8|
12- 8|	10141.4|	-8275.9|	0.0|	-7771.9|	-128.9|	23.2|
7- 2|	8707.1|	244.3|	-2.1|	-7180.8|	-0.8|	37.8|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si	-1048.5|	0.0|	0.0|	1048.5|
12- 8|si| 6|	Tz	-204.3|	-6.0|	0.0|	204.5|
7- 2|si| 9|	Ty	-166.7|	0.0|	-4.5|	166.9|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	48407.1|	-806.4|	2.3|	-34482.7|	-38.0|	-14.4|
12- 8|	10602.7|	-5166.0|	0.0|	-7771.9|	-128.9|	15.0|
7- 2|	9492.1|	264.3|	-2.1|	-7180.8|	-0.8|	27.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si	-1035.8|	0.0|	0.0|	1035.8|
12- 8|si| 6|	Tz	-215.2|	-5.8|	0.0|	215.4|
7- 2|si| 9|	Ty	-166.7|	0.0|	-3.3|	166.8|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	47968.8|	567.6|	3.8|	-34525.9|	-14.3|	-24.9|
12- 8	10867.5	-2056.1	0.0	-7771.9	-128.9	6.9

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1031.8| 0.0| 0.0| 1031.8|
| 12- 8|si| 6| Tz | | -225.2| -5.6| 0.0| 225.4|
| 5- 1|si| 9| Ty | | -802.0| 0.0| 3.1| 802.0|
----- PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 47200.8| 1029.2| 2.3| -34482.7| -38.0| -35.6|
| 12- 8| 10935.9| 1053.8| 0.0| -7771.9| -128.9| -1.2|
| 5- 1| 47239.8| 913.1| 3.8| -34525.9| -14.3| -35.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1033.1| 0.0| 0.0| 1033.1|
| 12- 8|si| 5| Tz | | -228.3| -5.5| 0.0| 228.5|
| 5- 1|si| 9| Ty | | -801.8| 0.0| 4.3| 801.8|
----- PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 46214.5| 1946.9| 2.3| -34482.7| -38.0| -46.2|
| 12- 8| 10807.8| 4163.7| 0.0| -7771.9| -128.9| -9.4|
| 5- 1| 46255.3| 1258.6| 3.8| -34525.9| -14.3| -46.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1040.2| 0.0| 0.0| 1040.2|
| 12- 8|si| 5| Tz | | -218.9| -5.7| 0.0| 219.2|
| 5- 1|si| 9| Ty | | -801.6| 0.0| 5.5| 801.6|
----- PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 44972.9| 2864.7| 2.3| -34482.7| -38.0| -56.8|
| 12- 8| 10483.2| 7273.6| 0.0| -7771.9| -128.9| -17.5|
| 5- 1| 45015.5| 1604.1| 3.8| -34525.9| -14.3| -56.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1046.1| 0.0| 0.0| 1046.1|
| 12- 8|si| 5| Tz | | -208.7| -5.9| 0.0| 208.9|
| 5- 1|si| 9| Ty | | -801.3| 0.0| 6.7| 801.4|
----- PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 43475.8| 3782.5| 2.3| -34482.7| -38.0| -67.3|
| 12- 8| 9962.2| 10383.5| 0.0| -7771.9| -128.9| -25.7|
| 5- 1| 43520.2| 1949.6| 3.8| -34525.9| -14.3| -67.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1050.9| 0.0| 0.0| 1050.9|
| 12- 8|si| 5| Tz | | -197.5| -6.1| 0.0| 197.8|
| 5- 1|si| 9| Ty | | -801.1| 0.0| 8.0| 801.2|
----- PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 41723.4| 4700.3| 2.3| -34482.7| -38.0| -77.9|
| 12- 8| 9244.8| 13493.4| 0.0| -7771.9| -128.9| -33.8|
| 5- 1| 41769.6| 2295.1| 3.8| -34525.9| -14.3| -77.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1054.5| 0.0| 0.0| 1054.5|
| 12- 8|si| 5| Tz | | -185.4| -6.2| 0.0| 185.7|
| 5- 1|si| 9| Ty | | -800.9| 0.0| 9.2| 801.1|
----- PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 39715.6| 5618.1| 2.3| -34482.7| -38.0| -88.5|
| 12- 8| 8330.9| 16603.3| 0.0| -7771.9| -128.9| -42.0|
| 5- 1| 39763.6| 2640.6| 3.8| -34525.9| -14.3| -88.4|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1056.8| 0.0| 0.0| 1056.8|
| 12- 8|si| 5| Tz | | -172.4| -6.4| 0.0| 172.7|
| 5- 1|si| 9| Ty | | -800.7| 0.0| 10.4| 800.9|
----- PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 38919.0| 4087.1| -70.1| -25872.8| 18.0| -27.6|
| 12- 4| 8570.7| 11706.7| -13.8| -5121.5| 154.0| 8.8|
| 5- 1| 38966.4| 1607.1| -70.7| -25985.8| -10.1| -29.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -841.6| 0.0| 0.0| 841.6|
| 12- 4|si| 5| Tz | | -113.8| 7.9| 0.0| 114.6|
| 5- 1|si| 9| Ty | | -603.0| 0.0| 5.2| 603.1|
----- PROGR. 24.

VERIFICA STABILITA' :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -34482.7|Mzeq = 48627.2|Myeq = 4213.6|Ss = -1333.0 ( 0.509)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 591- 594) 949
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 39456.8| 4522.2| -70.1| -25872.8| 18.0| -17.0|
| 12- 4| 8260.7| 15420.9| -13.8| -5121.5| 154.0| 16.9|
| 5- 1| 39558.1| 1362.9| -70.7| -25985.8| -10.1| -19.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -841.6| 0.0| 0.0| 841.6|
| 12- 4|si| 5| Tz | | -113.8| 7.9| 0.0| 114.6|
| 5- 1|si| 9| Ty | | -603.0| 0.0| 5.2| 603.1|
----- PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 38919.0| 4087.1| -70.1| -25872.8| 18.0| -27.6|
| 12- 4| 8570.7| 11706.7| -13.8| -5121.5| 154.0| 8.8|
| 5- 1| 38966.4| 1607.1| -70.7| -25985.8| -10.1| -29.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -841.6| 0.0| 0.0| 841.6|
| 12- 4|si| 5| Tz | | -113.8| 7.9| 0.0| 114.6|
| 5- 1|si| 9| Ty | | -603.0| 0.0| 5.2| 603.1|
----- PROGR. 24.

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-833.6	0.0	833.6
12-13	|si|	5	Tz		-125.7	7.7	126.4
5-1	|si|	9	Ty		-602.9	0.0	603.0

48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	38125.8	3652.0	-70.1	-25872.8	18.0	-38.2
12-13	9249.2	-6820.1	-13.9	-6736.9	-154.0	-1.6
5-1	38119.3	1851.4	-70.7	-25985.8	-10.1	-40.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-824.4	0.0	824.4
12-13	|si|	5	Tz		-218.6	-7.6	219.0
5-1	|si|	9	Ty		-602.7	0.0	602.9

72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	37077.2	3216.8	-70.1	-25872.8	18.0	-48.8
12-13	9113.0	-3104.7	-13.9	-6736.9	-154.0	-9.7
5-1	37016.9	2095.6	-70.7	-25985.8	-10.1	-51.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-814.0	0.0	814.0
12-13	|si|	5	Tz		-207.5	-7.8	208.0
5-1	|si|	9	Ty		-602.6	0.0	602.8

96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	35773.1	2781.7	-70.1	-25872.8	18.0	-59.3
12-13	8780.3	610.8	-13.9	-6736.9	-154.0	-17.9
5-1	35659.0	2339.8	-70.7	-25985.8	-10.1	-61.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-802.4	0.0	802.4
12-13	|si|	5	Tz		-195.5	-7.9	196.0
5-1	|si|	9	Ty		-602.4	0.0	602.7

121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	34045.8	2584.0	-70.7	-25985.8	-10.1	-72.2
12-13	8251.2	4326.3	-13.9	-6736.9	-154.0	-26.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-794.5	0.0	794.5
12-13	|si|	5	Tz		-182.6	-8.1	183.1
5-1	|si|	9	Ty		-602.3	0.0	602.6

145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	32177.2	2828.2	-70.7	-25985.8	-10.1	-82.7
12-13	7525.6	8041.8	-13.9	-6736.9	-154.0	-34.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-788.9	0.0	788.9
12-13	|si|	5	Tz		-168.7	-8.3	169.4
5-1	|si|	9	Ty		-602.1	0.0	602.5

169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	30053.1	3072.4	-70.7	-25985.8	-10.1	-93.3
12-13	6603.5	11757.2	-13.9	-6736.9	-154.0	-42.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-782.2	0.0	782.2
12-13	|si|	5	Tz		-154.0	-8.5	154.7
5-1	|si|	9	Ty		-601.9	0.0	602.4

193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	27673.7	3316.6	-70.7	-25985.8	-10.1	-103.9
12-13	5485.0	15472.7	-13.9	-6736.9	-154.0	-50.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-774.3	0.0	774.3
12-13	|si|	5	Tz		-138.3	-8.7	139.2
5-1	|si|	9	Ty		-601.8	0.0	602.4

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr = 840959.4|alfa(b) = 0.3400|ki = 0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr = 305877.6|alfa(c) = 0.4900|ki = 0.7723|
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -25872.8|Mzeq = 39456.8|Myeq = 3616.2|Ss = -1017.4 (0.388)

P_HEB140_S006 (6) stato limite ultimo - ASTA (592- 595) 950
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	39717.4	5617.8	3.9	-25940.4	36.3	-21.6
12-2	8241.5	14971.4	3.3	-5127.6	154.3	14.2
7-2	7836.3	356.2	-3.5	-5705.3	-2.4	24.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-858.3	0.0	858.3
12-2	|si|	5	Tz		-115.1	7.1	115.8
7-2	|si|	9	Ty		-132.4	0.0	132.5

24.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	39069.6	4742.2	3.9	-25940.4	36.3	-32.1		
12- 2	8486.1	11247.7	3.3	-5127.6	154.3	6.1		
5- 1	39106.2	2475.0	6.6	-25964.4	10.3	-32.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-844.2	0.0	0.0	844.2
12- 2	si	6	Tz		-126.8	6.9	0.0	127.3
5- 1	si	9	Ty		-601.8	0.0	4.1	601.9
							PROGR.	48.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	38166.4	3866.6	3.9	-25940.4	36.3	-42.7		
12- 2	8534.2	7524.0	3.3	-5127.6	154.3	-2.1		
5- 1	38191.6	2226.5	6.6	-25964.4	10.3	-43.2		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-828.8	0.0	0.0	828.8
12- 2	si	6	Tz		-179.9	6.8	0.0	180.3
5- 1	si	9	Ty		-602.0	0.0	5.3	602.1
							PROGR.	72.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	37007.8	2991.0	3.9	-25940.4	36.3	-53.3		
12- 2	8385.9	3800.3	3.3	-5127.6	154.3	-10.2		
5- 1	37021.7	1978.1	6.6	-25964.4	10.3	-53.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-812.3	0.0	0.0	812.3
12- 2	si	6	Tz		-168.7	7.0	0.0	169.2
5- 1	si	9	Ty		-602.1	0.0	6.5	602.2
							PROGR.	96.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	35593.8	2115.4	3.9	-25940.4	36.3	-63.9		
12- 2	8041.1	76.6	3.3	-5127.6	154.3	-18.4		
5- 1	35596.3	1729.6	6.6	-25964.4	10.3	-64.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-794.6	0.0	0.0	794.6
12- 2	si	6	Tz		-156.6	7.2	0.0	157.1
5- 1	si	9	Ty		-602.3	0.0	7.8	602.4
							PROGR.	121.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	33915.5	1481.1	6.6	-25964.4	10.3	-75.0		
12- 2	7499.8	-3647.1	3.3	-5127.6	154.3	-26.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-779.3	0.0	0.0	779.3
12- 2	si	6	Tz		-143.6	7.4	0.0	144.2
5- 1	si	9	Ty		-602.5	0.0	9.0	602.7
							PROGR.	145.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	31979.4	1232.6	6.6	-25964.4	10.3	-85.5		
12- 2	6762.1	-7370.8	3.3	-5127.6	154.3	-34.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-767.2	0.0	0.0	767.2
12- 2	si	6	Tz		-129.7	7.6	0.0	130.4
5- 1	si	9	Ty		-602.6	0.0	10.2	602.9
							PROGR.	169.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	29787.8	984.1	6.6	-25964.4	10.3	-96.1		
12- 2	5827.9	-11094.5	3.3	-5127.6	154.3	-42.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-753.9	0.0	0.0	753.9
12- 2	si	6	Tz		-114.9	7.8	0.0	115.7
5- 1	si	9	Ty		-602.8	0.0	11.4	603.1
							PROGR.	193.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	27383.8	-1386.9	3.9	-25940.4	36.3	-106.3		
12- 2	4697.3	-14818.2	3.3	-5127.6	154.3	-50.9		
5- 1	27340.8	735.6	6.6	-25964.4	10.3	-106.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-747.3	0.0	0.0	747.3
12- 2	si	6	Tz		-99.1	8.0	0.0	100.1
5- 1	si	9	Ty		-602.9	0.0	12.7	603.3
							PROGR.	0.
VERIFICA STABILITA` :								
|L0 = 193.1								
Z	|Lc = 193.1	Ro = 5.93	lm = 32.6	Ncr = 840959.4	alfa(b) = 0.3400	ki = 0.9358		
Y	|Lc = 193.1	Ro = 3.57	lm = 54.0	Ncr = 305877.6	alfa(c) = 0.4900	ki = 0.7723		
Caso 6- 1 - Nodo 2 - Asse Y								
Ned = -25940.4 | Mzeq = 39717.4 | Myeq = 4213.3 | Ss = -1029.0 (0.393)								
P_HEB140_S006 (6) stato limite ultimo - ASTA (594- 597) 952								
							PROGR.	0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	27688.8	3616.5	0.0	-14538.9	18.7	-101.1		
12-14	5438.5	15421.0	0.0	-4130.2	79.9	4.4		

Copertura area carburante - Relazione di calcolo

| 6- 1|	28017.5|	1623.9|	0.0|	-14506.3|	8.4|	-102.8|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 2|	Sx Si|	-512.2|	0.0|	0.0|	512.2|
| 12-14|	|si| 5|	Tz |	-77.7|	3.5|	0.0|	77.9|
| 6- 1|	|si| 9|	Ty |	-336.1|	0.0|	11.9|	336.7|

PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	25121.6|	3164.5|	0.0|	-14538.9|	18.7|	-111.7|
| 12-16|	6017.4|	13501.8|	0.0|	-4077.8|	80.0|	-7.1|
| 6- 1|	25409.2|	1420.9|	0.0|	-14506.3|	8.4|	-113.4|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 2|	Sx Si|	-494.5|	0.0|	0.0|	494.5|
| 12-16|	|si| 6|	Tz |	-160.7|	3.6|	0.0|	160.8|
| 6- 1|	|si| 9|	Ty |	-336.2|	0.0|	13.2|	337.0|

PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	22299.0|	2712.4|	0.0|	-14538.9|	18.7|	-122.3|
| 12-16|	5747.1|	11573.0|	0.0|	-4077.8|	80.0|	-15.3|
| 6- 1|	22545.5|	1217.9|	0.0|	-14506.3|	8.4|	-124.0|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 2|	Sx Si|	-475.7|	0.0|	0.0|	475.7|
| 12-16|	|si| 6|	Tz |	-154.0|	3.7|	0.0|	154.2|
| 6- 1|	|si| 9|	Ty |	-336.3|	0.0|	14.4|	337.3|

PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19221.0|	2260.3|	0.0|	-14538.9|	18.7|	-132.9|
| 12-16|	5280.4|	9644.2|	0.0|	-4077.8|	80.0|	-23.4|
| 6- 1|	19426.4|	1014.9|	0.0|	-14506.3|	8.4|	-134.6|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 2|	Sx Si|	-455.7|	0.0|	0.0|	455.7|
| 12-16|	|si| 6|	Tz |	-146.4|	3.9|	0.0|	146.6|
| 6- 1|	|si| 9|	Ty |	-336.5|	0.0|	15.6|	337.6|

PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	15887.6|	1808.3|	0.0|	-14538.9|	18.7|	-143.5|
| 12-16|	4617.2|	7715.3|	0.0|	-4077.8|	80.0|	-31.6|
| 6- 1|	16051.9|	811.9|	0.0|	-14506.3|	8.4|	-145.2|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 2|	Sx Si|	-434.5|	0.0|	0.0|	434.5|
| 12-16|	|si| 6|	Tz |	-137.9|	4.1|	0.0|	138.1|
| 6- 1|	|si| 9|	Ty |	-336.6|	0.0|	16.9|	337.9|

PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12298.8|	1356.2|	0.0|	-14538.9|	18.7|	-154.1|
| 6- 1|	12422.0|	609.0|	0.0|	-14506.3|	8.4|	-155.8|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 2|	Sx Si|	-412.1|	0.0|	0.0|	412.1|
| 5- 1|	|si| 6|	Tz |	-398.7|	4.3|	0.0|	398.7|
| 6- 1|	|si| 9|	Ty |	-336.7|	0.0|	18.1|	338.2|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	8454.6|	904.1|	0.0|	-14538.9|	18.7|	-164.6|
| 6- 1|	8536.8|	406.0|	0.0|	-14506.3|	8.4|	-166.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 2|	Sx Si|	-388.5|	0.0|	0.0|	388.5|
| 5- 1|	|si| 6|	Tz |	-379.6|	4.6|	0.0|	379.7|
| 6- 1|	|si| 9|	Ty |	-336.9|	0.0|	19.3|	338.5|

PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	4355.0|	452.1|	0.0|	-14538.9|	18.7|	-175.2|
| 6- 1|	4396.1|	203.0|	0.0|	-14506.3|	8.4|	-176.9|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 2|	Sx Si|	-363.8|	0.0|	0.0|	363.8|
| 5- 1|	|si| 6|	Tz |	-359.3|	4.8|	0.0|	359.4|
| 6- 1|	|si| 9|	Ty |	-337.0|	0.0|	20.6|	338.9|

PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-14538.9|	18.7|	-185.8|
| 6- 1|	0.0|	0.0|	0.0|	-14506.3|	8.4|	-187.5|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 4|	Sx |	-337.9|	0.0|	0.0|	337.9|
| 5- 1|	|si| 6|	Tz |	-337.9|	5.1|	0.0|	338.0|
| 6- 1|	|si| 9|	Ty |	-337.1|	0.0|	21.8|	339.2|
| 5- 1|	|si| 9|	Si |	-337.9|	0.0|	21.6|	339.9|

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -14538.9|Mzeq = 20766.6|Myeq = 2712.4|Ss = -571.6 (0.218)

Copertura area carburante - Relazione di calcolo

P_HEB140_S006 (6)		stato limite ultimo - ASTA (595- 598)					953
							PROGR. 0.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	27342.4|	1489.8|	0.0|	-14761.3|	7.7|	-99.3|	
12- 2|	4697.7|	-14354.4|	0.0|	-2623.7|	-74.4|	8.2|	
6- 1|	27385.3|	-551.2|	0.0|	-14726.3|	-2.9|	-99.5|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 2|Sx	Si|	-488.7|	0.0|	0.0|	488.7|		
12- 2|si| 6|	Tz	-42.3|	-3.3|	0.0|	42.7|		
6- 1|si| 9|	Ty	-342.6|	0.0|	11.6|	343.2|		
							24.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	24818.5|	1303.6|	0.0|	-14761.3|	7.7|	-109.9|	
12-15|	5754.9|	12940.7|	0.0|	-4134.4|	76.6|	-5.6|	
6- 1|	24856.0|	-482.3|	0.0|	-14726.3|	-2.9|	-110.1|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 2|Sx	Si|	-474.6|	0.0|	0.0|	474.6|		
12-15|si| 6|	Tz	-159.2|	3.4|	0.0|	159.3|		
6- 1|si| 9|	Ty	-342.5|	0.0|	12.8|	343.3|		
							48.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	22039.2|	1117.4|	0.0|	-14761.3|	7.7|	-120.5|	
12-15|	5522.2|	11092.0|	0.0|	-4134.4|	76.6|	-13.7|	
6- 1|	22071.4|	-413.4|	0.0|	-14726.3|	-2.9|	-120.7|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 2|Sx	Si|	-459.4|	0.0|	0.0|	459.4|		
12-15|si| 6|	Tz	-152.9|	3.6|	0.0|	153.1|		
6- 1|si| 9|	Ty	-342.5|	0.0|	14.0|	343.4|		
							72.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	19004.5|	931.1|	0.0|	-14761.3|	7.7|	-131.1|	
12-15|	5093.0|	9243.4|	0.0|	-4134.4|	76.6|	-21.9|	
6- 1|	19031.3|	-344.5|	0.0|	-14726.3|	-2.9|	-131.3|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 2|Sx	Si|	-442.9|	0.0|	0.0|	442.9|		
12-15|si| 6|	Tz	-145.7|	3.8|	0.0|	145.9|		
6- 1|si| 9|	Ty	-342.5|	0.0|	15.3|	343.5|		
							96.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	15714.4|	744.9|	0.0|	-14761.3|	7.7|	-141.7|	
12-15|	4467.3|	7394.7|	0.0|	-4134.4|	76.6|	-30.0|	
6- 1|	15735.8|	-275.6|	0.0|	-14726.3|	-2.9|	-141.9|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 2|Sx	Si|	-425.3|	0.0|	0.0|	425.3|		
12-15|si| 6|	Tz	-137.6|	3.9|	0.0|	137.8|		
6- 1|si| 9|	Ty	-342.4|	0.0|	16.5|	343.6|		
							121.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	12168.9|	558.7|	0.0|	-14761.3|	7.7|	-152.3|	
12-15|	3645.2|	5546.0|	0.0|	-4134.4|	76.6|	-38.1|	
6- 1|	12185.0|	-206.7|	0.0|	-14726.3|	-2.9|	-152.5|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 2|Sx	Si|	-406.5|	0.0|	0.0|	406.5|		
12-15|si| 6|	Tz	-128.6|	4.1|	0.0|	128.8|		
6- 1|si| 9|	Ty	-342.4|	0.0|	17.7|	343.7|		
							145.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	8368.0|	372.5|	0.0|	-14761.3|	7.7|	-162.8|	
12-15|	2626.6|	3697.3|	0.0|	-4134.4|	76.6|	-46.3|	
6- 1|	8378.7|	-137.8|	0.0|	-14726.3|	-2.9|	-163.1|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 2|Sx	Si|	-386.5|	0.0|	0.0|	386.5|		
12-15|si| 6|	Tz	-118.7|	4.3|	0.0|	118.9|		
6- 1|si| 9|	Ty	-342.3|	0.0|	18.9|	343.9|		
							169.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	4311.7|	186.2|	0.0|	-14761.3|	7.7|	-173.4|	
12-15|	1411.5|	1848.7|	0.0|	-4134.4|	76.6|	-54.4|	
6- 1|	4317.1|	-68.9|	0.0|	-14726.3|	-2.9|	-173.7|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 2|Sx	Si|	-365.4|	0.0|	0.0|	365.4|		
12-15|si| 6|	Tz	-107.8|	4.5|	0.0|	108.1|		
6- 1|si| 9|	Ty	-342.3|	0.0|	20.2|	344.1|		
							193.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1|	0.0|	0.0|	0.0|	-14761.3|	7.7|	-184.0|	
12-15|	0.0|	0.0|	0.0|	-4134.4|	76.6|	-62.6|	
6- 1|	0.0|	0.0|	0.0|	-14726.3|	-2.9|	-184.2|	
TENSIONI (Sz= 0.00) :							
Caso	Ve|No|massimi	Sx	Tz	Ty	Si		
5- 1|si| 4|Sx	Si|	-343.0|	0.0|	0.0|	343.0|		
12-15|si| 6|	Tz	-96.1|	4.7|	0.0|	96.4|		

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	| -342.2|	0.0|	21.4|	344.2|	
| 5- 1|si| 9|	Si	| -343.0|	0.0|	21.4|	345.0|	

VERIFICA STABILITA' :						
|L0 = 193. |						
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|						
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|						
Caso 5- 1 - Nodo 2 - Asse Y						
Ned = -14761.3|Mzeq = 20506.8|Myeq = 1117.4|Ss = -555.8 (0.212)						
P_IPE80_s008 (8) stato limite ultimo - ASTA (319- 311) 575						

SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6103.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5710.2|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 1|Sx	Si	| -797.2|	0.0|	0.0|	797.2|	
| 5- 1|si| 6|	Tz	| -745.8|	0.0|	0.0|	745.8|	
| 5- 1|si| 9|	Ty	| -745.8|	0.0|	0.0|	745.8|	

PROGR. 11.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6102.3|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5709.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 3|Sx	Si	| -797.0|	0.0|	0.0|	797.0|	
| 5- 1|si| 6|	Tz	| -745.7|	0.0|	0.0|	745.7|	
| 5- 1|si| 9|	Ty	| -745.7|	0.0|	0.0|	745.7|	

PROGR. 22.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6101.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5708.5|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 3|Sx	Si	| -796.9|	0.0|	0.0|	796.9|	
| 5- 1|si| 6|	Tz	| -745.6|	0.0|	0.0|	745.6|	
| 5- 1|si| 9|	Ty	| -745.6|	0.0|	0.0|	745.6|	

PROGR. 33.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6100.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5707.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	| -796.8|	0.0|	0.0|	796.8|	
| 5- 1|si| 6|	Tz	| -745.5|	0.0|	0.0|	745.5|	
| 5- 1|si| 9|	Ty	| -745.5|	0.0|	0.0|	745.5|	

PROGR. 44.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6099.8|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5706.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	| -796.7|	0.0|	0.0|	796.7|	
| 5- 1|si| 6|	Tz	| -745.4|	0.0|	0.0|	745.4|	
| 5- 1|si| 9|	Ty	| -745.4|	0.0|	0.0|	745.4|	

PROGR. 55.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6098.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5705.9|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	| -796.6|	0.0|	0.0|	796.6|	
| 5- 1|si| 6|	Tz	| -745.3|	0.0|	0.0|	745.3|	
| 5- 1|si| 9|	Ty	| -745.3|	0.0|	0.0|	745.3|	

PROGR. 66.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6098.1|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5705.0|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	| -796.5|	0.0|	0.0|	796.5|	
| 5- 1|si| 6|	Tz	| -745.1|	0.0|	0.0|	745.1|	
| 5- 1|si| 9|	Ty	| -745.1|	0.0|	0.0|	745.1|	

PROGR. 77.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6097.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5704.2|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		
| 6- 1|si| 4|Sx	Si	| -796.4|	0.0|	0.0|	796.4|	
| 5- 1|si| 6|	Tz	| -745.0|	0.0|	0.0|	745.0|	
| 5- 1|si| 9|	Ty	| -745.0|	0.0|	0.0|	745.0|	

PROGR. 88.						
SOLLECITAZIONI :						
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 6- 1|	0.0|	0.0|	0.0|	-6096.4|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-5703.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si		

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 4|Sx	Si|	-796.3|	0.0|	0.0|	796.3|
| 5- 1|si| 6| Tz	|	-744.9|	0.0|	0.0|	744.9|
| 5- 1|si| 9| Ty	|	-744.9|	0.0|	0.0|	744.9|

 VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -6103.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1283.8 (0.490)

P_IPE80_S008 (8) stato limite ultimo - ASTA (320- 312) 577
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4316.3|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3950.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si|	-563.8|	0.0|	0.0|	563.8|
| 5- 1|si| 6| Tz	|	-516.0|	0.0|	0.0|	516.0|
| 5- 1|si| 9| Ty	|	-516.0|	0.0|	0.0|	516.0|

----- PROGR. 11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4315.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3949.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si|	-563.7|	0.0|	0.0|	563.7|
| 5- 1|si| 6| Tz	|	-515.9|	0.0|	0.0|	515.9|
| 5- 1|si| 9| Ty	|	-515.9|	0.0|	0.0|	515.9|

----- PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4314.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3948.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx	Si|	-563.5|	0.0|	0.0|	563.5|
| 5- 1|si| 6| Tz	|	-515.8|	0.0|	0.0|	515.8|
| 5- 1|si| 9| Ty	|	-515.8|	0.0|	0.0|	515.8|

----- PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4313.8|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3948.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx	Si|	-563.4|	0.0|	0.0|	563.4|
| 5- 1|si| 6| Tz	|	-515.7|	0.0|	0.0|	515.7|
| 5- 1|si| 9| Ty	|	-515.7|	0.0|	0.0|	515.7|

----- PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4312.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3947.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx	Si|	-563.3|	0.0|	0.0|	563.3|
| 5- 1|si| 6| Tz	|	-515.6|	0.0|	0.0|	515.6|
| 5- 1|si| 9| Ty	|	-515.6|	0.0|	0.0|	515.6|

----- PROGR. 55.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4312.1|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3946.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx	Si|	-563.2|	0.0|	0.0|	563.2|
| 5- 1|si| 6| Tz	|	-515.4|	0.0|	0.0|	515.4|
| 5- 1|si| 9| Ty	|	-515.4|	0.0|	0.0|	515.4|

----- PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4311.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3945.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx	Si|	-563.1|	0.0|	0.0|	563.1|
| 5- 1|si| 6| Tz	|	-515.3|	0.0|	0.0|	515.3|
| 5- 1|si| 9| Ty	|	-515.3|	0.0|	0.0|	515.3|

----- PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4310.4|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3944.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx	Si|	-563.0|	0.0|	0.0|	563.0|
| 5- 1|si| 6| Tz	|	-515.2|	0.0|	0.0|	515.2|
| 5- 1|si| 9| Ty	|	-515.2|	0.0|	0.0|	515.2|

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-4309.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-3943.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	-562.9	0.0	562.9
5-1	si	6	Tz		-515.1	0.0	515.1
5-1	si	9	Ty		-515.1	0.0	515.1

 VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6-1 - Nodo 4 - Asse Y
 Ned = -4316.3 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -907.9 (0.347)

P_IPE80_S008 (8) stato limite ultimo - ASTA (321- 313) 579

 SOLLECITAZIONI : 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2586.5	0.0	0.0
8-1	0.0	0.0	0.0	-2339.7	0.0	0.0
5-1	0.0	0.0	0.0	-2220.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-337.8	0.0	337.8
8-1	si	6	Tz		-305.6	0.0	305.6
5-1	si	9	Ty		-290.0	0.0	290.0

 SOLLECITAZIONI : 11.

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2585.6	0.0	0.0
8-1	0.0	0.0	0.0	-2338.8	0.0	0.0
5-1	0.0	0.0	0.0	-2219.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	-337.7	0.0	337.7
8-1	si	6	Tz		-305.5	0.0	305.5
5-1	si	9	Ty		-289.9	0.0	289.9

 SOLLECITAZIONI : 22.

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2584.8	0.0	0.0
8-1	0.0	0.0	0.0	-2338.0	0.0	0.0
5-1	0.0	0.0	0.0	-2218.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	-337.6	0.0	337.6
8-1	si	6	Tz		-305.4	0.0	305.4
5-1	si	9	Ty		-289.7	0.0	289.7

 SOLLECITAZIONI : 33.

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2583.9	0.0	0.0
8-1	0.0	0.0	0.0	-2337.1	0.0	0.0
5-1	0.0	0.0	0.0	-2217.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	-337.5	0.0	337.5
8-1	si	6	Tz		-305.3	0.0	305.3
5-1	si	9	Ty		-289.6	0.0	289.6

 SOLLECITAZIONI : 44.

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2583.1	0.0	0.0
8-1	0.0	0.0	0.0	-2336.3	0.0	0.0
5-1	0.0	0.0	0.0	-2216.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	-337.4	0.0	337.4
8-1	si	6	Tz		-305.1	0.0	305.1
5-1	si	9	Ty		-289.5	0.0	289.5

 SOLLECITAZIONI : 55.

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2582.2	0.0	0.0
8-1	0.0	0.0	0.0	-2335.4	0.0	0.0
5-1	0.0	0.0	0.0	-2215.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	-337.3	0.0	337.3
8-1	si	6	Tz		-305.0	0.0	305.0
5-1	si	9	Ty		-289.4	0.0	289.4

 SOLLECITAZIONI : 66.

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2581.4	0.0	0.0
8-1	0.0	0.0	0.0	-2334.6	0.0	0.0
5-1	0.0	0.0	0.0	-2214.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	-337.2	0.0	337.2
8-1	si	6	Tz		-304.9	0.0	304.9
5-1	si	9	Ty		-289.3	0.0	289.3

 SOLLECITAZIONI : 77.

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2580.5	0.0	0.0
8-1	0.0	0.0	0.0	-2333.7	0.0	0.0
5-1	0.0	0.0	0.0	-2214.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
------	----	----	---------	----	----	----	----

Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 4|Sx  Si| -337.0| 0.0| 0.0| 337.0|
| 8- 1|si| 6| Tz  | -304.8| 0.0| 0.0| 304.8|
| 5- 1|si| 9| Ty  | -289.2| 0.0| 0.0| 289.2|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2579.6| 0.0| 0.0|
| 8- 1| 0.0| 0.0| 0.0| -2332.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2213.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -336.9| 0.0| 0.0| 336.9|
| 8- 1|si| 6| Tz  | -304.7| 0.0| 0.0| 304.7|
| 5- 1|si| 9| Ty  | -289.1| 0.0| 0.0| 289.1|
-----
VERIFICA STABILITA` :
|LO = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -2586.5|Mzeq = 0.0|Myeq = 0.0|Ss = -544.0 ( 0.208)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 323- 315) 583
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2981.4| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -304.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2614.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -389.4| 0.0| 0.0| 389.4|
| 12-11|si| 6| Tz  | -39.8| 0.0| 0.0| 39.8|
| 6- 1|si| 9| Ty  | -341.5| 0.0| 0.0| 341.5|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2980.6| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -304.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2613.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -389.3| 0.0| 0.0| 389.3|
| 12-11|si| 6| Tz  | -39.7| 0.0| 0.0| 39.7|
| 6- 1|si| 9| Ty  | -341.4| 0.0| 0.0| 341.4|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2979.7| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -303.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2612.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -389.2| 0.0| 0.0| 389.2|
| 12-11|si| 6| Tz  | -39.6| 0.0| 0.0| 39.6|
| 6- 1|si| 9| Ty  | -341.3| 0.0| 0.0| 341.3|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2978.9| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -302.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2611.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -389.1| 0.0| 0.0| 389.1|
| 12-11|si| 6| Tz  | -39.5| 0.0| 0.0| 39.5|
| 6- 1|si| 9| Ty  | -341.1| 0.0| 0.0| 341.1|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2978.0| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -302.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2611.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -389.0| 0.0| 0.0| 389.0|
| 12-11|si| 6| Tz  | -39.5| 0.0| 0.0| 39.5|
| 6- 1|si| 9| Ty  | -341.0| 0.0| 0.0| 341.0|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2977.2| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -301.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2610.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -388.9| 0.0| 0.0| 388.9|
| 12-11|si| 6| Tz  | -39.4| 0.0| 0.0| 39.4|
| 6- 1|si| 9| Ty  | -340.9| 0.0| 0.0| 340.9|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2976.3| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -300.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2609.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -388.7| 0.0| 0.0| 388.7|

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Copertura area carburante - Relazione di calcolo

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| 12-11|si| 6| Tz | -39.3| 0.0| 0.0| 39.3|
| 6- 1|si| 9| Ty | -340.8| 0.0| 0.0| 340.8|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2975.5| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -300.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2608.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -388.6| 0.0| 0.0| 388.6|
| 12-11|si| 6| Tz | | -39.2| 0.0| 0.0| 39.2|
| 6- 1|si| 9| Ty | | -340.7| 0.0| 0.0| 340.7|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2974.6| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -299.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -2607.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -388.5| 0.0| 0.0| 388.5|
| 12-11|si| 6| Tz | | -39.1| 0.0| 0.0| 39.1|
| 6- 1|si| 9| Ty | | -340.6| 0.0| 0.0| 340.6|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -2981.4|Mzeq = 0.0|Myeq = 0.0|Ss = -627.1 ( 0.239)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 324- 316) 585
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -4710.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4344.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -615.2| 0.0| 0.0| 615.2|
| 6- 1|si| 6| Tz | | -567.5| 0.0| 0.0| 567.5|
| 6- 1|si| 9| Ty | | -567.5| 0.0| 0.0| 567.5|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -4709.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4344.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -615.1| 0.0| 0.0| 615.1|
| 6- 1|si| 6| Tz | | -567.4| 0.0| 0.0| 567.4|
| 6- 1|si| 9| Ty | | -567.4| 0.0| 0.0| 567.4|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -4708.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4343.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -615.0| 0.0| 0.0| 615.0|
| 6- 1|si| 6| Tz | | -567.3| 0.0| 0.0| 567.3|
| 6- 1|si| 9| Ty | | -567.3| 0.0| 0.0| 567.3|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -4707.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4342.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -614.9| 0.0| 0.0| 614.9|
| 6- 1|si| 6| Tz | | -567.2| 0.0| 0.0| 567.2|
| 6- 1|si| 9| Ty | | -567.2| 0.0| 0.0| 567.2|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -4706.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4341.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -614.7| 0.0| 0.0| 614.7|
| 6- 1|si| 6| Tz | | -567.1| 0.0| 0.0| 567.1|
| 6- 1|si| 9| Ty | | -567.1| 0.0| 0.0| 567.1|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -4705.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4340.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -614.6| 0.0| 0.0| 614.6|
| 6- 1|si| 6| Tz | | -566.9| 0.0| 0.0| 566.9|
| 6- 1|si| 9| Ty | | -566.9| 0.0| 0.0| 566.9|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -4705.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4339.8| 0.0| 0.0|

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -614.5| 0.0| 0.0| 614.5|
| 6- 1| |si| 6| Tz | -566.8| 0.0| 0.0| 566.8|
| 6- 1| |si| 9| Ty | -566.8| 0.0| 0.0| 566.8|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -4704.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4339.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -614.4| 0.0| 0.0| 614.4|
| 6- 1| |si| 6| Tz | -566.7| 0.0| 0.0| 566.7|
| 6- 1| |si| 9| Ty | -566.7| 0.0| 0.0| 566.7|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -4703.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4338.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -614.3| 0.0| 0.0| 614.3|
| 6- 1| |si| 6| Tz | -566.6| 0.0| 0.0| 566.6|
| 6- 1| |si| 9| Ty | -566.6| 0.0| 0.0| 566.6|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -4710.1|Mzeq = 0.0|Myeq = 0.0|Ss = -990.7 ( 0.378)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 325- 317) 587
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6527.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6134.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -852.6| 0.0| 0.0| 852.6|
| 6- 1| |si| 6| Tz | -801.3| 0.0| 0.0| 801.3|
| 6- 1| |si| 9| Ty | -801.3| 0.0| 0.0| 801.3|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6526.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6133.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -852.5| 0.0| 0.0| 852.5|
| 6- 1| |si| 6| Tz | -801.1| 0.0| 0.0| 801.1|
| 6- 1| |si| 9| Ty | -801.1| 0.0| 0.0| 801.1|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6525.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6132.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -852.4| 0.0| 0.0| 852.4|
| 6- 1| |si| 6| Tz | -801.0| 0.0| 0.0| 801.0|
| 6- 1| |si| 9| Ty | -801.0| 0.0| 0.0| 801.0|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6525.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6132.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -852.2| 0.0| 0.0| 852.2|
| 6- 1| |si| 6| Tz | -800.9| 0.0| 0.0| 800.9|
| 6- 1| |si| 9| Ty | -800.9| 0.0| 0.0| 800.9|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6524.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6131.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -852.1| 0.0| 0.0| 852.1|
| 6- 1| |si| 6| Tz | -800.8| 0.0| 0.0| 800.8|
| 6- 1| |si| 9| Ty | -800.8| 0.0| 0.0| 800.8|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6523.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6130.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -852.0| 0.0| 0.0| 852.0|
| 6- 1| |si| 6| Tz | -800.7| 0.0| 0.0| 800.7|
| 6- 1| |si| 9| Ty | -800.7| 0.0| 0.0| 800.7|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6522.5| 0.0| 0.0|

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Copertura area carburante - Relazione di calcolo

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| 6- 1|      0.0|      0.0|      0.0| -6129.5|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -851.9| 0.0| 0.0| 851.9|
| 6- 1|si| 6| Tz | -800.6| 0.0| 0.0| 800.6|
| 6- 1|si| 9| Ty | -800.6| 0.0| 0.0| 800.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -6521.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6128.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -851.8| 0.0| 0.0| 851.8|
| 6- 1|si| 6| Tz | -800.5| 0.0| 0.0| 800.5|
| 6- 1|si| 9| Ty | -800.5| 0.0| 0.0| 800.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -6520.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -6127.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -851.7| 0.0| 0.0| 851.7|
| 6- 1|si| 6| Tz | -800.4| 0.0| 0.0| 800.4|
| 6- 1|si| 9| Ty | -800.4| 0.0| 0.0| 800.4|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -6527.6|Mzeq = 0.0|Myeq = 0.0|Ss = -1373.0 ( 0.524)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 600- 576) 973
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7834.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7783.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -1023.3| 0.0| 0.0| 1023.3|
| 6- 1|si| 6| Tz | -1023.3| 0.0| 0.0| 1023.3|
| 5- 1|si| 9| Ty | -1016.7| 0.0| 0.0| 1016.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7833.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7783.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -1023.2| 0.0| 0.0| 1023.2|
| 6- 1|si| 6| Tz | -1023.2| 0.0| 0.0| 1023.2|
| 5- 1|si| 9| Ty | -1016.6| 0.0| 0.0| 1016.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7832.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7782.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -1023.1| 0.0| 0.0| 1023.1|
| 6- 1|si| 6| Tz | -1023.1| 0.0| 0.0| 1023.1|
| 5- 1|si| 9| Ty | -1016.5| 0.0| 0.0| 1016.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7831.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7781.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -1022.9| 0.0| 0.0| 1022.9|
| 6- 1|si| 6| Tz | -1022.9| 0.0| 0.0| 1022.9|
| 5- 1|si| 9| Ty | -1016.3| 0.0| 0.0| 1016.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7831.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7780.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -1022.8| 0.0| 0.0| 1022.8|
| 6- 1|si| 6| Tz | -1022.8| 0.0| 0.0| 1022.8|
| 5- 1|si| 9| Ty | -1016.2| 0.0| 0.0| 1016.2|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7830.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7779.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -1022.7| 0.0| 0.0| 1022.7|
| 6- 1|si| 6| Tz | -1022.7| 0.0| 0.0| 1022.7|
| 5- 1|si| 9| Ty | -1016.1| 0.0| 0.0| 1016.1|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

6- 1	0.0	0.0	0.0	-7829.4	0.0	0.0
5- 1	0.0	0.0	0.0	-7778.8	0.0	0.0
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	-1022.6|	0.0|	0.0|	1022.6|	
| 6- 1|si| 6| Tz |		-1022.6|	0.0|	0.0|	1022.6|	
| 5- 1|si| 9| Ty |		-1016.0|	0.0|	0.0|	1016.0|	
----- PROGR. 77.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-7828.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-7778.0|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	-1022.5|	0.0|	0.0|	1022.5|	
| 6- 1|si| 6| Tz |		-1022.5|	0.0|	0.0|	1022.5|	
| 5- 1|si| 9| Ty |		-1015.9|	0.0|	0.0|	1015.9|	
----- PROGR. 88.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-7827.7|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-7777.1|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	-1022.4|	0.0|	0.0|	1022.4|	
| 6- 1|si| 6| Tz |		-1022.4|	0.0|	0.0|	1022.4|	
| 5- 1|si| 9| Ty |		-1015.8|	0.0|	0.0|	1015.8|	

VERIFICA STABILITA` :						
|L0 = 88. |						
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|						
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|						
Caso 6- 1 - Nodo 4 - Asse Y						
Ned = -7834.5|Mzeq = 0.0|Myeq = 0.0|Ss = -1647.9 (0.629)						
P_IPE80_S008 (8) stato limite ultimo - ASTA (602- 577) 974						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-6965.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6956.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-909.8|	0.0|	0.0|	909.8|	
| 6- 1|si| 6| Tz |		-909.8|	0.0|	0.0|	909.8|	
| 5- 1|si| 9| Ty |		-908.6|	0.0|	0.0|	908.6|	
----- PROGR. 11.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-6965.1|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6955.4|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si |	-909.7|	0.0|	0.0|	909.7|	
| 6- 1|si| 6| Tz |		-909.7|	0.0|	0.0|	909.7|	
| 5- 1|si| 9| Ty |		-908.5|	0.0|	0.0|	908.5|	
----- PROGR. 22.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-6964.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6954.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si |	-909.6|	0.0|	0.0|	909.6|	
| 6- 1|si| 6| Tz |		-909.6|	0.0|	0.0|	909.6|	
| 5- 1|si| 9| Ty |		-908.4|	0.0|	0.0|	908.4|	
----- PROGR. 33.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-6963.3|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6953.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	-909.5|	0.0|	0.0|	909.5|	
| 6- 1|si| 6| Tz |		-909.5|	0.0|	0.0|	909.5|	
| 5- 1|si| 9| Ty |		-908.2|	0.0|	0.0|	908.2|	
----- PROGR. 44.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-6962.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6952.9|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	-909.4|	0.0|	0.0|	909.4|	
| 6- 1|si| 6| Tz |		-909.4|	0.0|	0.0|	909.4|	
| 5- 1|si| 9| Ty |		-908.1|	0.0|	0.0|	908.1|	
----- PROGR. 55.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-6961.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-6952.0|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	-909.3|	0.0|	0.0|	909.3|	
| 6- 1|si| 6| Tz |		-909.3|	0.0|	0.0|	909.3|	
| 5- 1|si| 9| Ty |		-908.0|	0.0|	0.0|	908.0|	
----- PROGR. 66.						
SOLLECITAZIONI :						

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-6960.8	0.0	0.0		
5-1	0.0	0.0	0.0	-6951.2	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-909.2	0.0	0.0	909.2
6-1	si	6	Tz		-909.2	0.0	0.0	909.2
5-1	si	9	Ty		-907.9	0.0	0.0	907.9

PROGR.							77.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-6959.9	0.0	0.0		
5-1	0.0	0.0	0.0	-6950.3	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-909.1	0.0	0.0	909.1
6-1	si	6	Tz		-909.1	0.0	0.0	909.1
5-1	si	9	Ty		-907.8	0.0	0.0	907.8

PROGR.							88.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-6959.1	0.0	0.0		
5-1	0.0	0.0	0.0	-6949.5	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-908.9	0.0	0.0	908.9
6-1	si	6	Tz		-908.9	0.0	0.0	908.9
5-1	si	9	Ty		-907.7	0.0	0.0	907.7

PROGR.							979	
VERIFICA STABILITA` :								
L0 = 88.0								
Z |Lc = 88.0 |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |								
Y |Lc = 88.0 |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |								
Caso 6-1 - Nodo 4 - Asse Y								
Ned = -6965.9 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1465.2 (0.559)								
P_IPE80_S008 (8) stato limite ultimo - ASTA (601- 579) 979								

PROGR.							0.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-5667.7	0.0	0.0		
5-1	0.0	0.0	0.0	-5610.1	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-740.3	0.0	0.0	740.3
5-1	si	6	Tz		-732.8	0.0	0.0	732.8
5-1	si	9	Ty		-732.8	0.0	0.0	732.8

PROGR.							11.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-5666.9	0.0	0.0		
5-1	0.0	0.0	0.0	-5609.3	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-740.2	0.0	0.0	740.2
5-1	si	6	Tz		-732.6	0.0	0.0	732.6
5-1	si	9	Ty		-732.6	0.0	0.0	732.6

PROGR.							22.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-5666.0	0.0	0.0		
5-1	0.0	0.0	0.0	-5608.4	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-740.0	0.0	0.0	740.0
5-1	si	6	Tz		-732.5	0.0	0.0	732.5
5-1	si	9	Ty		-732.5	0.0	0.0	732.5

PROGR.							33.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-5665.1	0.0	0.0		
5-1	0.0	0.0	0.0	-5607.6	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-739.9	0.0	0.0	739.9
5-1	si	6	Tz		-732.4	0.0	0.0	732.4
5-1	si	9	Ty		-732.4	0.0	0.0	732.4

PROGR.							44.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-5664.3	0.0	0.0		
5-1	0.0	0.0	0.0	-5606.7	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-739.8	0.0	0.0	739.8
5-1	si	6	Tz		-732.3	0.0	0.0	732.3
5-1	si	9	Ty		-732.3	0.0	0.0	732.3

PROGR.							55.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6-1	0.0	0.0	0.0	-5663.4	0.0	0.0		
5-1	0.0	0.0	0.0	-5605.9	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-739.7	0.0	0.0	739.7
5-1	si	6	Tz		-732.2	0.0	0.0	732.2
5-1	si	9	Ty		-732.2	0.0	0.0	732.2

PROGR.							66.	

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5662.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5605.0 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -739.6 |      0.0 |      0.0 |      739.6 |
| 5- 1|si| 6|  Tz  | -732.1 |      0.0 |      0.0 |      732.1 |
| 5- 1|si| 9|  Ty  | -732.1 |      0.0 |      0.0 |      732.1 |
----- PROGR.      77.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5661.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5604.2 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -739.5 |      0.0 |      0.0 |      739.5 |
| 5- 1|si| 6|  Tz  | -732.0 |      0.0 |      0.0 |      732.0 |
| 5- 1|si| 9|  Ty  | -732.0 |      0.0 |      0.0 |      732.0 |
----- PROGR.      88.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5660.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5603.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -739.4 |      0.0 |      0.0 |      739.4 |
| 5- 1|si| 6|  Tz  | -731.9 |      0.0 |      0.0 |      731.9 |
| 5- 1|si| 9|  Ty  | -731.9 |      0.0 |      0.0 |      731.9 |
----- PROGR.

VERIFICA STABILITA` :

|L0 =      88. |
Z |Lc =      88. |Ro =      3.24|lm =      27.2|Ncr=      214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc =      88. |Ro =      1.05|lm =      83.6|Ncr=      22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned =      -5667.7|Mzeq =      0.0|Myeq =      0.0|Ss =      -1192.2 ( 0.455)

P_IPE80_S008 ( 8)      stato limite ultimo - ASTA ( 603- 580)      980
----- PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5022.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5018.1 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | -656.1 |      0.0 |      0.0 |      656.1 |
| 5- 1|si| 6|  Tz  | -655.4 |      0.0 |      0.0 |      655.4 |
| 5- 1|si| 9|  Ty  | -655.4 |      0.0 |      0.0 |      655.4 |
----- PROGR.      11.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5022.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5017.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si | -655.9 |      0.0 |      0.0 |      655.9 |
| 5- 1|si| 6|  Tz  | -655.3 |      0.0 |      0.0 |      655.3 |
| 5- 1|si| 9|  Ty  | -655.3 |      0.0 |      0.0 |      655.3 |
----- PROGR.      22.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5021.2 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5016.4 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -655.8 |      0.0 |      0.0 |      655.8 |
| 5- 1|si| 6|  Tz  | -655.2 |      0.0 |      0.0 |      655.2 |
| 5- 1|si| 9|  Ty  | -655.2 |      0.0 |      0.0 |      655.2 |
----- PROGR.      33.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5020.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5015.6 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -655.7 |      0.0 |      0.0 |      655.7 |
| 5- 1|si| 6|  Tz  | -655.1 |      0.0 |      0.0 |      655.1 |
| 5- 1|si| 9|  Ty  | -655.1 |      0.0 |      0.0 |      655.1 |
----- PROGR.      44.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5019.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5014.7 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -655.6 |      0.0 |      0.0 |      655.6 |
| 5- 1|si| 6|  Tz  | -655.0 |      0.0 |      0.0 |      655.0 |
| 5- 1|si| 9|  Ty  | -655.0 |      0.0 |      0.0 |      655.0 |
----- PROGR.      55.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5018.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -5013.9 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si | -655.5 |      0.0 |      0.0 |      655.5 |
| 5- 1|si| 6|  Tz  | -654.9 |      0.0 |      0.0 |      654.9 |
| 5- 1|si| 9|  Ty  | -654.9 |      0.0 |      0.0 |      654.9 |

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Copertura area carburante - Relazione di calcolo

-----										PROGR.	66.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-5017.8|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-5013.0|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 4|Sx	Si|	-655.4|	0.0|	0.0|	655.4|					
| 5- 1|	si| 6| Tz		-654.8|	0.0|	0.0|	654.8|					
| 5- 1|	si| 9| Ty		-654.8|	0.0|	0.0|	654.8|					
-----										PROGR.	77.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-5017.0|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-5012.2|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 4|Sx	Si|	-655.3|	0.0|	0.0|	655.3|					
| 5- 1|	si| 6| Tz		-654.7|	0.0|	0.0|	654.7|					
| 5- 1|	si| 9| Ty		-654.7|	0.0|	0.0|	654.7|					
-----										PROGR.	88.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-5016.1|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-5011.3|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 4|Sx	Si|	-655.2|	0.0|	0.0|	655.2|					
| 5- 1|	si| 6| Tz		-654.5|	0.0|	0.0|	654.5|					
| 5- 1|	si| 9| Ty		-654.5|	0.0|	0.0|	654.5|					

VERIFICA STABILITA` :											
|L0 = 88. |											
Z |Lc =	88. |Ro =	3.24|lm =	27.2|Ncr=	214856.6|	alfa(a)=	0.2100|	ki=	0.9744|			
Y |Lc =	88. |Ro =	1.05|lm =	83.6|Ncr=	22725.8|	alfa(b)=	0.3400|	ki=	0.6209|			
Caso 6- 1 - Nodo 4 - Asse Y											
Ned =	-5022.9|Mzeq =	0.0|	Myeq =	0.0|	Ss =	-1056.5	(	0.403)		
P_IPE80_S008 (8) stato limite ultimo - ASTA (606- 582)										985	
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-3463.8|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-3407.9|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 1|Sx	Si|	-452.4|	0.0|	0.0|	452.4|					
| 5- 1|	si| 6| Tz		-445.1|	0.0|	0.0|	445.1|					
| 5- 1|	si| 9| Ty		-445.1|	0.0|	0.0|	445.1|					
-----										PROGR.	11.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-3462.9|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-3407.0|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	-452.3|	0.0|	0.0|	452.3|					
| 5- 1|	si| 6| Tz		-445.0|	0.0|	0.0|	445.0|					
| 5- 1|	si| 9| Ty		-445.0|	0.0|	0.0|	445.0|					
-----										PROGR.	22.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-3462.0|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-3406.2|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	-452.2|	0.0|	0.0|	452.2|					
| 5- 1|	si| 6| Tz		-444.9|	0.0|	0.0|	444.9|					
| 5- 1|	si| 9| Ty		-444.9|	0.0|	0.0|	444.9|					
-----										PROGR.	33.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-3461.2|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-3405.3|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	-452.1|	0.0|	0.0|	452.1|					
| 5- 1|	si| 6| Tz		-444.8|	0.0|	0.0|	444.8|					
| 5- 1|	si| 9| Ty		-444.8|	0.0|	0.0|	444.8|					
-----										PROGR.	44.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-3460.3|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-3404.5|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 4|Sx	Si|	-452.0|	0.0|	0.0|	452.0|					
| 5- 1|	si| 6| Tz		-444.7|	0.0|	0.0|	444.7|					
| 5- 1|	si| 9| Ty		-444.7|	0.0|	0.0|	444.7|					
-----										PROGR.	55.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	0.0|	0.0|	0.0|	-3459.5|	0.0|	0.0|					
| 5- 1|	0.0|	0.0|	0.0|	-3403.6|	0.0|	0.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 4|Sx	Si|	-451.9|	0.0|	0.0|	451.9|					
5- 1	si 6 Tz		-444.6	0.0	0.0	444.6					

Copertura area carburante - Relazione di calcolo

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| 5- 1|si| 9| Ty | -444.6| 0.0| 0.0| 444.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3458.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3402.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -451.7| 0.0| 0.0| 451.7|
| 5- 1|si| 6| Tz | -444.4| 0.0| 0.0| 444.4|
| 5- 1|si| 9| Ty | -444.4| 0.0| 0.0| 444.4|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3457.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3401.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -451.6| 0.0| 0.0| 451.6|
| 5- 1|si| 6| Tz | -444.3| 0.0| 0.0| 444.3|
| 5- 1|si| 9| Ty | -444.3| 0.0| 0.0| 444.3|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3456.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3401.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -451.5| 0.0| 0.0| 451.5|
| 5- 1|si| 6| Tz | -444.2| 0.0| 0.0| 444.2|
| 5- 1|si| 9| Ty | -444.2| 0.0| 0.0| 444.2|
-----
PROGR. 88.

VERIFICA STABILITA' :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -3463.8|Mzeq = 0.0|Myeq = 0.0|Ss = -728.6 ( 0.278)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 607- 583) 986
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3019.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3018.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -394.3| 0.0| 0.0| 394.3|
| 6- 1|si| 6| Tz | -394.3| 0.0| 0.0| 394.3|
| 5- 1|si| 9| Ty | -394.2| 0.0| 0.0| 394.2|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3018.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3017.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -394.2| 0.0| 0.0| 394.2|
| 6- 1|si| 6| Tz | -394.2| 0.0| 0.0| 394.2|
| 5- 1|si| 9| Ty | -394.1| 0.0| 0.0| 394.1|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3017.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3016.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -394.1| 0.0| 0.0| 394.1|
| 6- 1|si| 6| Tz | -394.1| 0.0| 0.0| 394.1|
| 5- 1|si| 9| Ty | -394.0| 0.0| 0.0| 394.0|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3016.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3015.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -394.0| 0.0| 0.0| 394.0|
| 6- 1|si| 6| Tz | -394.0| 0.0| 0.0| 394.0|
| 5- 1|si| 9| Ty | -393.9| 0.0| 0.0| 393.9|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3015.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3014.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -393.9| 0.0| 0.0| 393.9|
| 6- 1|si| 6| Tz | -393.9| 0.0| 0.0| 393.9|
| 5- 1|si| 9| Ty | -393.8| 0.0| 0.0| 393.8|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3014.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -3013.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx Si| -393.8| 0.0| 0.0| 393.8|

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Copertura area carburante - Relazione di calcolo

6-1	si	6	Tz	-393.8	0.0	0.0	393.8
5-1	si	9	Ty	-393.6	0.0	0.0	393.6

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3014.0	0.0	0.0
5-1	0.0	0.0	0.0	-3013.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	-393.7	0.0	393.7
6-1	si	6	Tz	-393.7	0.0	0.0	393.7
5-1	si	9	Ty	-393.5	0.0	0.0	393.5

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3013.1	0.0	0.0
5-1	0.0	0.0	0.0	-3012.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	-393.5	0.0	393.5
6-1	si	6	Tz	-393.5	0.0	0.0	393.5
5-1	si	9	Ty	-393.4	0.0	0.0	393.4

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3012.3	0.0	0.0
5-1	0.0	0.0	0.0	-3011.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	-393.4	0.0	393.4
6-1	si	6	Tz	-393.4	0.0	0.0	393.4
5-1	si	9	Ty	-393.3	0.0	0.0	393.3

VERIFICA STABILITA` :

L0 = 88.0
 Z |Lc = 88.0 |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88.0 |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 6-1 - Nodo 4 - Asse Y
 Ned = -3019.1 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -635.0 (0.242)

P_IPE80_S008 (8) stato limite ultimo - ASTA (612- 588) 997
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-2951.6	0.0	0.0
6-1	0.0	0.0	0.0	-2897.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-385.5	0.0	385.5
5-1	si	6	Tz	-385.5	0.0	0.0	385.5
6-1	si	9	Ty	-378.4	0.0	0.0	378.4

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-2950.7	0.0	0.0
6-1	0.0	0.0	0.0	-2896.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	Si	-385.4	0.0	385.4
5-1	si	6	Tz	-385.4	0.0	0.0	385.4
6-1	si	9	Ty	-378.3	0.0	0.0	378.3

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-2949.9	0.0	0.0
6-1	0.0	0.0	0.0	-2895.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	Si	-385.3	0.0	385.3
5-1	si	6	Tz	-385.3	0.0	0.0	385.3
6-1	si	9	Ty	-378.2	0.0	0.0	378.2

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-2949.0	0.0	0.0
6-1	0.0	0.0	0.0	-2894.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	Si	-385.2	0.0	385.2
5-1	si	6	Tz	-385.2	0.0	0.0	385.2
6-1	si	9	Ty	-378.1	0.0	0.0	378.1

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-2948.2	0.0	0.0
6-1	0.0	0.0	0.0	-2893.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	Si	-385.1	0.0	385.1
5-1	si	6	Tz	-385.1	0.0	0.0	385.1
6-1	si	9	Ty	-378.0	0.0	0.0	378.0

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-2947.3	0.0	0.0
6-1	0.0	0.0	0.0	-2893.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
------	----	----	---------	----	----	----	----

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 2|Sx	Si|	-385.0|	0.0|	0.0|	385.0|			
| 5- 1|si| 6| Tz		-385.0|	0.0|	0.0|	385.0|			
| 6- 1|si| 9| Ty		-377.9|	0.0|	0.0|	377.9|			
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2946.5|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2892.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-384.8|	0.0|	0.0|	384.8|			
| 5- 1|si| 6| Tz		-384.8|	0.0|	0.0|	384.8|			
| 6- 1|si| 9| Ty		-377.7|	0.0|	0.0|	377.7|			
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2945.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2891.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-384.7|	0.0|	0.0|	384.7|			
| 5- 1|si| 6| Tz		-384.7|	0.0|	0.0|	384.7|			
| 6- 1|si| 9| Ty		-377.6|	0.0|	0.0|	377.6|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2944.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2890.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-384.6|	0.0|	0.0|	384.6|			
| 5- 1|si| 6| Tz		-384.6|	0.0|	0.0|	384.6|			
| 6- 1|si| 9| Ty		-377.5|	0.0|	0.0|	377.5|			

VERIFICA STABILITA' :								
|L0 =	88. |							
Z |Lc =	88. |Ro =	3.24|lm =	27.2|Ncr=	214856.6|alfa(a)=	0.2100|ki=	0.9744|		
Y |Lc =	88. |Ro =	1.05|lm =	83.6|Ncr=	22725.8|alfa(b)=	0.3400|ki=	0.6209|		
Caso 5- 1 - Nodo 2 - Asse Y								
Ned =	-2951.6|Mzeq =	0.0|Myeq =	0.0|Ss =	-620.8 (	0.237)		

P_IPE80_S008 (8)	stato limite ultimo - ASTA (613- 589)					998		
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2998.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2997.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx	Si|	-391.6|	0.0|	0.0|	391.6|			
| 5- 1|si| 6| Tz		-391.6|	0.0|	0.0|	391.6|			
| 6- 1|si| 9| Ty		-391.6|	0.0|	0.0|	391.6|			
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2997.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2997.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-391.5|	0.0|	0.0|	391.5|			
| 5- 1|si| 6| Tz		-391.5|	0.0|	0.0|	391.5|			
| 6- 1|si| 9| Ty		-391.5|	0.0|	0.0|	391.5|			
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2996.9|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2996.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-391.4|	0.0|	0.0|	391.4|			
| 5- 1|si| 6| Tz		-391.4|	0.0|	0.0|	391.4|			
| 6- 1|si| 9| Ty		-391.3|	0.0|	0.0|	391.3|			
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2996.0|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2995.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-391.3|	0.0|	0.0|	391.3|			
| 5- 1|si| 6| Tz		-391.3|	0.0|	0.0|	391.3|			
| 6- 1|si| 9| Ty		-391.2|	0.0|	0.0|	391.2|			
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2995.2|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2994.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-391.2|	0.0|	0.0|	391.2|			
| 5- 1|si| 6| Tz		-391.2|	0.0|	0.0|	391.2|			
| 6- 1|si| 9| Ty		-391.1|	0.0|	0.0|	391.1|			
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2994.3|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2993.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| -391.1|	0.0|	0.0|	391.1|		
| 5- 1|	|si| 6|	Tz	-391.1|	0.0|	0.0|	391.1|		
| 6- 1|	|si| 9|	Ty	-391.0|	0.0|	0.0|	391.0|		
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2993.4|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2992.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| -391.0|	0.0|	0.0|	391.0|		
| 5- 1|	|si| 6|	Tz	-391.0|	0.0|	0.0|	391.0|		
| 6- 1|	|si| 9|	Ty	-390.9|	0.0|	0.0|	390.9|		
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2992.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2992.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| -390.9|	0.0|	0.0|	390.9|		
| 5- 1|	|si| 6|	Tz	-390.9|	0.0|	0.0|	390.9|		
| 6- 1|	|si| 9|	Ty	-390.8|	0.0|	0.0|	390.8|		
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2991.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-2991.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| -390.8|	0.0|	0.0|	390.8|		
| 5- 1|	|si| 6|	Tz	-390.8|	0.0|	0.0|	390.8|		
| 6- 1|	|si| 9|	Ty	-390.7|	0.0|	0.0|	390.7|		
-----							PROGR.	88.
VERIFICA STABILITA` :								
|L0 =	88. |							
Z |Lc =	88. |	Ro =	3.24|	lm =	27.2|	Ncr=	214856.6|	
Y |Lc =	88. |	Ro =	1.05|	lm =	83.6|	Ncr=	22725.8|	
Caso 5- 1 - Nodo 2 - Asse Y								
Ned =	-2998.6|	Mzeq =	0.0|	Myeq =	0.0|	Ss =	-630.7 (0.241)	

P_IPE80_S008 (8)	stato limite ultimo - ASTA (615- 591)						1003	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5124.4|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5076.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 1|	Sx	Si| -669.3|	0.0|	0.0|	669.3|		
| 6- 1|	|si| 6|	Tz	-663.0|	0.0|	0.0|	663.0|		
| 6- 1|	|si| 9|	Ty	-663.0|	0.0|	0.0|	663.0|		
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5123.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5075.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 1|	Sx	Si| -669.2|	0.0|	0.0|	669.2|		
| 6- 1|	|si| 6|	Tz	-662.9|	0.0|	0.0|	662.9|		
| 6- 1|	|si| 9|	Ty	-662.9|	0.0|	0.0|	662.9|		
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5122.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5074.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| -669.1|	0.0|	0.0|	669.1|		
| 6- 1|	|si| 6|	Tz	-662.8|	0.0|	0.0|	662.8|		
| 6- 1|	|si| 9|	Ty	-662.8|	0.0|	0.0|	662.8|		
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5121.9|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5073.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| -669.0|	0.0|	0.0|	669.0|		
| 6- 1|	|si| 6|	Tz	-662.7|	0.0|	0.0|	662.7|		
| 6- 1|	|si| 9|	Ty	-662.7|	0.0|	0.0|	662.7|		
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-5121.0|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5073.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| -668.9|	0.0|	0.0|	668.9|		
| 6- 1|	|si| 6|	Tz	-662.6|	0.0|	0.0|	662.6|		
| 6- 1|	|si| 9|	Ty	-662.6|	0.0|	0.0|	662.6|		
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
5- 1	0.0	0.0	0.0	-5120.2	0.0	0.0		
6- 1	0.0	0.0	0.0	-5072.2	0.0	0.0		

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -668.8| 0.0| 0.0| 668.8|
| 6- 1|si| 6| Tz | -662.5| 0.0| 0.0| 662.5|
| 6- 1|si| 9| Ty | -662.5| 0.0| 0.0| 662.5|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5119.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5071.3| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -668.6| 0.0| 0.0| 668.6|
| 6- 1|si| 6| Tz | -662.4| 0.0| 0.0| 662.4|
| 6- 1|si| 9| Ty | -662.4| 0.0| 0.0| 662.4|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5118.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5070.5| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -668.5| 0.0| 0.0| 668.5|
| 6- 1|si| 6| Tz | -662.3| 0.0| 0.0| 662.3|
| 6- 1|si| 9| Ty | -662.3| 0.0| 0.0| 662.3|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5117.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5069.6| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -668.4| 0.0| 0.0| 668.4|
| 6- 1|si| 6| Tz | -662.2| 0.0| 0.0| 662.2|
| 6- 1|si| 9| Ty | -662.2| 0.0| 0.0| 662.2|
-----
PROGR. 88.

-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -5124.4|Mzeq = 0.0|Myeq = 0.0|Ss = -1077.9 ( 0.412)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 616- 592) 1004
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5006.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5002.5| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -653.9| 0.0| 0.0| 653.9|
| 6- 1|si| 6| Tz | -653.4| 0.0| 0.0| 653.4|
| 6- 1|si| 9| Ty | -653.4| 0.0| 0.0| 653.4|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5005.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5001.7| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -653.8| 0.0| 0.0| 653.8|
| 6- 1|si| 6| Tz | -653.3| 0.0| 0.0| 653.3|
| 6- 1|si| 9| Ty | -653.3| 0.0| 0.0| 653.3|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5005.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5000.8| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -653.7| 0.0| 0.0| 653.7|
| 6- 1|si| 6| Tz | -653.2| 0.0| 0.0| 653.2|
| 6- 1|si| 9| Ty | -653.2| 0.0| 0.0| 653.2|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5004.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -5000.0| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -653.6| 0.0| 0.0| 653.6|
| 6- 1|si| 6| Tz | -653.1| 0.0| 0.0| 653.1|
| 6- 1|si| 9| Ty | -653.1| 0.0| 0.0| 653.1|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5003.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -4999.1| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -653.5| 0.0| 0.0| 653.5|
| 6- 1|si| 6| Tz | -652.9| 0.0| 0.0| 652.9|
| 6- 1|si| 9| Ty | -652.9| 0.0| 0.0| 652.9|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 0.0| -5002.5| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```

| 6- 1|          0.0|          0.0|          0.0| -4998.3|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -653.4| 0.0| 0.0| 653.4|
| 6- 1|si| 6| Tz | -652.8| 0.0| 0.0| 652.8|
| 6- 1|si| 9| Ty | -652.8| 0.0| 0.0| 652.8|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5001.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4997.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -653.3| 0.0| 0.0| 653.3|
| 6- 1|si| 6| Tz | -652.7| 0.0| 0.0| 652.7|
| 6- 1|si| 9| Ty | -652.7| 0.0| 0.0| 652.7|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5000.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4996.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -653.2| 0.0| 0.0| 653.2|
| 6- 1|si| 6| Tz | -652.6| 0.0| 0.0| 652.6|
| 6- 1|si| 9| Ty | -652.6| 0.0| 0.0| 652.6|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5000.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -4995.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -653.1| 0.0| 0.0| 653.1|
| 6- 1|si| 6| Tz | -652.5| 0.0| 0.0| 652.5|
| 6- 1|si| 9| Ty | -652.5| 0.0| 0.0| 652.5|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -5006.8|Mzeq = 0.0|Myeq = 0.0|Ss = -1053.1 ( 0.402)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 618- 594) 1009
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7327.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7279.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -957.0| 0.0| 0.0| 957.0|
| 5- 1|si| 6| Tz | -957.0| 0.0| 0.0| 957.0|
| 6- 1|si| 9| Ty | -950.8| 0.0| 0.0| 950.8|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7326.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7278.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -956.9| 0.0| 0.0| 956.9|
| 5- 1|si| 6| Tz | -956.9| 0.0| 0.0| 956.9|
| 6- 1|si| 9| Ty | -950.7| 0.0| 0.0| 950.7|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7325.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7277.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -956.8| 0.0| 0.0| 956.8|
| 5- 1|si| 6| Tz | -956.8| 0.0| 0.0| 956.8|
| 6- 1|si| 9| Ty | -950.6| 0.0| 0.0| 950.6|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7324.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7277.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -956.7| 0.0| 0.0| 956.7|
| 5- 1|si| 6| Tz | -956.7| 0.0| 0.0| 956.7|
| 6- 1|si| 9| Ty | -950.5| 0.0| 0.0| 950.5|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7323.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7276.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -956.6| 0.0| 0.0| 956.6|
| 5- 1|si| 6| Tz | -956.6| 0.0| 0.0| 956.6|
| 6- 1|si| 9| Ty | -950.4| 0.0| 0.0| 950.4|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

5- 1	0.0	0.0	0.0	-7322.9	0.0	0.0
6- 1	0.0	0.0	0.0	-7275.3	0.0	0.0

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-956.5|	0.0|	0.0|	956.5|
| 5- 1|si| 6| Tz |		-956.5|	0.0|	0.0|	956.5|
| 6- 1|si| 9| Ty |		-950.2|	0.0|	0.0|	950.2|

----- PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7322.1|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-7274.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-956.4|	0.0|	0.0|	956.4|
| 5- 1|si| 6| Tz |		-956.4|	0.0|	0.0|	956.4|
| 6- 1|si| 9| Ty |		-950.1|	0.0|	0.0|	950.1|

----- PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7321.2|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-7273.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-956.2|	0.0|	0.0|	956.2|
| 5- 1|si| 6| Tz |		-956.2|	0.0|	0.0|	956.2|
| 6- 1|si| 9| Ty |		-950.0|	0.0|	0.0|	950.0|

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-7320.4|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-7272.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-956.1|	0.0|	0.0|	956.1|
| 5- 1|si| 6| Tz |		-956.1|	0.0|	0.0|	956.1|
| 6- 1|si| 9| Ty |		-949.9|	0.0|	0.0|	949.9|

VERIFICA STABILITA` :

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -7327.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1541.2 (0.588)

P_IPE80_S008 (8) stato limite ultimo - ASTA (619- 595) 1010
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-6951.0|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-6941.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-907.9|	0.0|	0.0|	907.9|
| 5- 1|si| 6| Tz |		-907.9|	0.0|	0.0|	907.9|
| 6- 1|si| 9| Ty |		-906.7|	0.0|	0.0|	906.7|

----- PROGR. 11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-6950.1|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-6941.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-907.8|	0.0|	0.0|	907.8|
| 5- 1|si| 6| Tz |		-907.8|	0.0|	0.0|	907.8|
| 6- 1|si| 9| Ty |		-906.6|	0.0|	0.0|	906.6|

----- PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-6949.3|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-6940.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx |	Si |	-907.7|	0.0|	0.0|	907.7|
| 5- 1|si| 6| Tz |		-907.7|	0.0|	0.0|	907.7|
| 6- 1|si| 9| Ty |		-906.5|	0.0|	0.0|	906.5|

----- PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-6948.4|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-6939.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-907.5|	0.0|	0.0|	907.5|
| 5- 1|si| 6| Tz |		-907.5|	0.0|	0.0|	907.5|
| 6- 1|si| 9| Ty |		-906.4|	0.0|	0.0|	906.4|

----- PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-6947.6|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-6938.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-907.4|	0.0|	0.0|	907.4|
| 5- 1|si| 6| Tz |		-907.4|	0.0|	0.0|	907.4|
| 6- 1|si| 9| Ty |		-906.2|	0.0|	0.0|	906.2|

----- PROGR. 55.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

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| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6946.7 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6937.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -907.3 |      0.0 |      0.0 | 907.3 |
| 5- 1|si| 6| Tz | -907.3 |      0.0 |      0.0 | 907.3 |
| 6- 1|si| 9| Ty | -906.1 |      0.0 |      0.0 | 906.1 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6945.9 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6936.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -907.2 |      0.0 |      0.0 | 907.2 |
| 5- 1|si| 6| Tz | -907.2 |      0.0 |      0.0 | 907.2 |
| 6- 1|si| 9| Ty | -906.0 |      0.0 |      0.0 | 906.0 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6945.0 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6935.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -907.1 |      0.0 |      0.0 | 907.1 |
| 5- 1|si| 6| Tz | -907.1 |      0.0 |      0.0 | 907.1 |
| 6- 1|si| 9| Ty | -905.9 |      0.0 |      0.0 | 905.9 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -6944.1 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -6935.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -907.0 |      0.0 |      0.0 | 907.0 |
| 5- 1|si| 6| Tz | -907.0 |      0.0 |      0.0 | 907.0 |
| 6- 1|si| 9| Ty | -905.8 |      0.0 |      0.0 | 905.8 |
-----
VERIFICA STABILITA' :
|LO = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -6951.0 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1462.1 ( 0.558)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 322- 314) 2048
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1752.9 |      0.0 |      0.0 |
| 12-11 |      0.0 |      0.0 |      0.0 | -356.9 |      0.0 |      0.0 |
| 12-10 |      0.0 |      0.0 |      0.0 | -355.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -228.9 |      0.0 |      0.0 | 228.9 |
| 12-11|si| 5| Tz | -46.6 |      0.0 |      0.0 | 46.6 |
| 12-10|si| 9| Ty | -46.4 |      0.0 |      0.0 | 46.4 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1752.0 |      0.0 |      0.0 |
| 12-11 |      0.0 |      0.0 |      0.0 | -356.3 |      0.0 |      0.0 |
| 12-10 |      0.0 |      0.0 |      0.0 | -355.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -228.8 |      0.0 |      0.0 | 228.8 |
| 12-11|si| 5| Tz | -46.5 |      0.0 |      0.0 | 46.5 |
| 12-10|si| 9| Ty | -46.4 |      0.0 |      0.0 | 46.4 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1751.2 |      0.0 |      0.0 |
| 12-11 |      0.0 |      0.0 |      0.0 | -355.6 |      0.0 |      0.0 |
| 12-10 |      0.0 |      0.0 |      0.0 | -354.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -228.7 |      0.0 |      0.0 | 228.7 |
| 12-11|si| 5| Tz | -46.4 |      0.0 |      0.0 | 46.4 |
| 12-10|si| 9| Ty | -46.3 |      0.0 |      0.0 | 46.3 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1750.3 |      0.0 |      0.0 |
| 12-11 |      0.0 |      0.0 |      0.0 | -355.0 |      0.0 |      0.0 |
| 12-10 |      0.0 |      0.0 |      0.0 | -353.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -228.6 |      0.0 |      0.0 | 228.6 |
| 12-11|si| 5| Tz | -46.4 |      0.0 |      0.0 | 46.4 |
| 12-10|si| 9| Ty | -46.2 |      0.0 |      0.0 | 46.2 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1749.5 |      0.0 |      0.0 |
| 12-11 |      0.0 |      0.0 |      0.0 | -354.3 |      0.0 |      0.0 |
| 12-10 |      0.0 |      0.0 |      0.0 | -353.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-228.5	0.0	228.5
12-11	|si	5	Tz		-46.3	0.0	46.3
12-10	|si	9	Ty		-46.1	0.0	46.1

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1748.6	0.0	0.0
12-11	0.0	0.0	0.0	-353.6	0.0	0.0
12-10	0.0	0.0	0.0	-352.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-228.4	0.0	228.4
12-11	|si	5	Tz		-46.2	0.0	46.2
12-10	|si	9	Ty		-46.0	0.0	46.0

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1747.8	0.0	0.0
12-11	0.0	0.0	0.0	-353.0	0.0	0.0
12-10	0.0	0.0	0.0	-351.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-228.3	0.0	228.3
12-11	|si	5	Tz		-46.1	0.0	46.1
12-10	|si	9	Ty		-45.9	0.0	45.9

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1746.9	0.0	0.0
12-11	0.0	0.0	0.0	-352.3	0.0	0.0
12-10	0.0	0.0	0.0	-351.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-228.2	0.0	228.2
12-11	|si	5	Tz		-46.0	0.0	46.0
12-10	|si	9	Ty		-45.8	0.0	45.8

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1746.1	0.0	0.0
12-11	0.0	0.0	0.0	-351.7	0.0	0.0
12-10	0.0	0.0	0.0	-350.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-228.1	0.0	228.1
12-11	|si	5	Tz		-45.9	0.0	45.9
12-10	|si	9	Ty		-45.8	0.0	45.8

VERIFICA STABILITA' :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -1752.9 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -368.7 (0.141)

P_IPE80_S008 (8) stato limite ultimo - ASTA (609- 585) 2049
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-2174.8	0.0	0.0
12-11	0.0	0.0	0.0	-429.3	0.0	0.0
12- 7	0.0	0.0	0.0	-422.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	1	Sx	Si	-284.1	0.0	284.1
12-11	|si	6	Tz		-56.1	0.0	56.1
12- 7	|si	9	Ty		-55.2	0.0	55.2

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-2174.0	0.0	0.0
12-11	0.0	0.0	0.0	-428.7	0.0	0.0
12- 7	0.0	0.0	0.0	-421.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	1	Sx	Si	-283.9	0.0	283.9
12-11	|si	6	Tz		-56.0	0.0	56.0
12- 7	|si	9	Ty		-55.1	0.0	55.1

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-2173.1	0.0	0.0
12-11	0.0	0.0	0.0	-428.0	0.0	0.0
12- 7	0.0	0.0	0.0	-421.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	Sx	Si	-283.8	0.0	283.8
12-11	|si	6	Tz		-55.9	0.0	55.9
12- 7	|si	9	Ty		-55.0	0.0	55.0

PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-2172.3	0.0	0.0
12-11	0.0	0.0	0.0	-427.3	0.0	0.0
12- 7	0.0	0.0	0.0	-420.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

5- 1 si 2 Sx	Si	-283.7	0.0	0.0	283.7			
| 12-11|si| 6| Tz		-55.8|	0.0|	0.0|	55.8|			
| 12- 7|si| 9| Ty		-54.9|	0.0|	0.0|	54.9|			
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-2171.4|	0.0|	0.0|		
| 12-11|	0.0|	0.0|	0.0|	-426.7|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-419.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-283.6|	0.0|	0.0|	283.6|			
| 12-11|si| 6| Tz		-55.7|	0.0|	0.0|	55.7|			
| 12- 7|si| 9| Ty		-54.8|	0.0|	0.0|	54.8|			
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-2170.5|	0.0|	0.0|		
| 12-11|	0.0|	0.0|	0.0|	-426.0|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-419.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-283.5|	0.0|	0.0|	283.5|			
| 12-11|si| 6| Tz		-55.6|	0.0|	0.0|	55.6|			
| 12- 7|si| 9| Ty		-54.8|	0.0|	0.0|	54.8|			
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-2169.7|	0.0|	0.0|		
| 12-11|	0.0|	0.0|	0.0|	-425.4|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-418.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-283.4|	0.0|	0.0|	283.4|			
| 12-11|si| 6| Tz		-55.6|	0.0|	0.0|	55.6|			
| 12- 7|si| 9| Ty		-54.7|	0.0|	0.0|	54.7|			
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-2168.8|	0.0|	0.0|		
| 12-11|	0.0|	0.0|	0.0|	-424.7|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-417.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-283.3|	0.0|	0.0|	283.3|			
| 12-11|si| 6| Tz		-55.5|	0.0|	0.0|	55.5|			
| 12- 7|si| 9| Ty		-54.6|	0.0|	0.0|	54.6|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-2168.0|	0.0|	0.0|		
| 12-11|	0.0|	0.0|	0.0|	-424.1|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-417.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-283.2|	0.0|	0.0|	283.2|			
| 12-11|si| 6| Tz		-55.4|	0.0|	0.0|	55.4|			
| 12- 7|si| 9| Ty		-54.5|	0.0|	0.0|	54.5|			

VERIFICA STABILITA` :								
|L0 = 88. |								
Z	|Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|							
Y	|Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|							
Caso 5- 1 - Nodo 2 - Asse Y								
Ned =	-2174.8|Mzeq =	0.0|Myeq =	0.0|Ss =	-457.5 (0.175)				

P_IPE80_S008 (8)	stato limite ultimo - ASTA (610- 586)			2050				
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-2091.4|	0.0|	0.0|		
| 12-11|	0.0|	0.0|	0.0|	-411.3|	0.0|	0.0|		
| 11-10|	0.0|	0.0|	0.0|	-410.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-273.2|	0.0|	0.0|	273.2|			
| 12-11|si| 6| Tz		-53.7|	0.0|	0.0|	53.7|			
| 11-10|si| 9| Ty		-53.6|	0.0|	0.0|	53.6|			
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-2090.6|	0.0|	0.0|		
| 12-11|	0.0|	0.0|	0.0|	-410.6|	0.0|	0.0|		
| 11-10|	0.0|	0.0|	0.0|	-409.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-273.1|	0.0|	0.0|	273.1|			
| 12-11|si| 6| Tz		-53.6|	0.0|	0.0|	53.6|			
| 11-10|si| 9| Ty		-53.5|	0.0|	0.0|	53.5|			
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-2089.7|	0.0|	0.0|		
| 12-11|	0.0|	0.0|	0.0|	-410.0|	0.0|	0.0|		
| 11-10|	0.0|	0.0|	0.0|	-409.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-272.9|	0.0|	0.0|	272.9|			

Copertura area carburante - Relazione di calcolo

| 12-11|si| 6|	Tz	|	-53.5|	0.0|	0.0|	53.5|	
| 11-10|si| 9|	Ty	|	-53.4|	0.0|	0.0|	53.4|	

----- PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-2088.9|		0.0|		0.0|	
| 12-11|	0.0|		0.0|		0.0|		-409.3|		0.0|		0.0|	
| 11-10|	0.0|		0.0|		0.0|		-408.4|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si|	-272.8|		0.0|		0.0|		272.8|	
| 12-11|si| 6|	Tz	|	-53.5|	0.0|		0.0|		53.5|	
| 11-10|si| 9|	Ty	|	-53.3|	0.0|		0.0|		53.3|	

----- PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-2088.0|		0.0|		0.0|	
| 12-11|	0.0|		0.0|		0.0|		-408.6|		0.0|		0.0|	
| 11-10|	0.0|		0.0|		0.0|		-407.8|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si|	-272.7|		0.0|		0.0|		272.7|	
| 12-11|si| 6|	Tz	|	-53.4|	0.0|		0.0|		53.4|	
| 11-10|si| 9|	Ty	|	-53.3|	0.0|		0.0|		53.3|	

----- PROGR. 55.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-2087.2|		0.0|		0.0|	
| 12-11|	0.0|		0.0|		0.0|		-408.0|		0.0|		0.0|	
| 11-10|	0.0|		0.0|		0.0|		-407.1|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si|	-272.6|		0.0|		0.0|		272.6|	
| 12-11|si| 6|	Tz	|	-53.3|	0.0|		0.0|		53.3|	
| 11-10|si| 9|	Ty	|	-53.2|	0.0|		0.0|		53.2|	

----- PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-2086.3|		0.0|		0.0|	
| 12-11|	0.0|		0.0|		0.0|		-407.3|		0.0|		0.0|	
| 11-10|	0.0|		0.0|		0.0|		-406.5|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si|	-272.5|		0.0|		0.0|		272.5|	
| 12-11|si| 6|	Tz	|	-53.2|	0.0|		0.0|		53.2|	
| 11-10|si| 9|	Ty	|	-53.1|	0.0|		0.0|		53.1|	

----- PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-2085.5|		0.0|		0.0|	
| 12-11|	0.0|		0.0|		0.0|		-406.7|		0.0|		0.0|	
| 11-10|	0.0|		0.0|		0.0|		-405.8|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si|	-272.4|		0.0|		0.0|		272.4|	
| 12-11|si| 6|	Tz	|	-53.1|	0.0|		0.0|		53.1|	
| 11-10|si| 9|	Ty	|	-53.0|	0.0|		0.0|		53.0|	

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-2084.6|		0.0|		0.0|	
| 12-11|	0.0|		0.0|		0.0|		-406.0|		0.0|		0.0|	
| 11-10|	0.0|		0.0|		0.0|		-405.1|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si|	-272.3|		0.0|		0.0|		272.3|	
| 12-11|si| 6|	Tz	|	-53.0|	0.0|		0.0|		53.0|	
| 11-10|si| 9|	Ty	|	-52.9|	0.0|		0.0|		52.9|	

VERIFICA STABILITA` :

|L0 = 88.1
 Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -2091.4|Mzeq = 0.0|Myeq = 0.0|Ss = -439.9 (0.168)

P_HEA120_S011 (11) stato limite ultimo - ASTA (319- 320) 569
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 11- 7|	4127.9|		188.7|		0.0|		8307.2|		-0.3|		17.2|	
| 6- 1|	1572.7|		365.1|		0.0|		235.4|		-1.9|		67.6|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 11- 7|si| 4|Sx	Si|	370.6|		0.0|		0.0|		370.6|	
| 6- 1|si| 6|	Tz	|	-7.8|	-2.8|		0.0|		9.2|	
| 6- 1|si| 9|	Ty	|	9.7|	0.0|		-13.3|		25.0|	

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 11- 7|	4485.2|		196.7|		0.0|		8307.2|		-0.3|		12.4|	
| 6- 1|	3127.8|		410.8|		0.0|		235.4|		-1.9|		61.3|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 11- 7|si| 4|Sx	Si|	374.1|		0.0|		0.0|		374.1|	
| 6- 1|si| 6|	Tz	|	-22.7|	-2.6|		0.0|		23.1|	
6- 1 si 9	Ty		9.7	0.0		-12.1		23.1	

----- PROGR. 48.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 5 | 4730.0 | 477.0 | 0.0 | 8128.9 | -1.5 | 7.9 |
| 6- 1 | 4532.6 | 456.4 | 0.0 | 235.4 | -1.9 | 55.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 5 |si| 4|Sx  Si| 376.7 | 0.0 | 0.0 | 376.7 |
| 6- 1 |si| 6|  Tz  | -36.1 | -2.3 | 0.0 | 36.3 |
| 6- 1 |si| 9|  Ty  | 9.8 | 0.0 | -10.9 | 21.2 |
----- PROGR.      72.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 5 | 4863.8 | 512.3 | 0.0 | 8128.9 | -1.5 | 3.2 |
| 6- 1 | 5787.2 | 502.0 | 0.0 | 235.4 | -1.9 | 48.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 5 |si| 4|Sx  Si| 378.8 | 0.0 | 0.0 | 378.8 |
| 6- 1 |si| 6|  Tz  | -48.2 | -2.1 | 0.0 | 48.3 |
| 6- 1 |si| 9|  Ty  | 9.8 | 0.0 | -9.6 | 19.4 |
----- PROGR.      96.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 5 | 4882.1 | 547.6 | 0.0 | 8128.9 | -1.5 | -1.6 |
| 6- 1 | 6891.5 | 547.7 | 0.0 | 235.4 | -1.9 | 42.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 5 |si| 4|Sx  Si| 379.9 | 0.0 | 0.0 | 379.9 |
| 6- 1 |si| 6|  Tz  | -58.8 | -1.8 | 0.0 | 58.9 |
| 6- 1 |si| 9|  Ty  | 9.9 | 0.0 | -8.4 | 17.6 |
----- PROGR.     121.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 5 | 4784.8 | 582.8 | 0.0 | 8128.9 | -1.5 | -6.4 |
| 6- 1 | 7845.5 | 593.3 | 0.0 | 235.4 | -1.9 | 36.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 5 |si| 4|Sx  Si| 379.9 | 0.0 | 0.0 | 379.9 |
| 6- 1 |si| 6|  Tz  | -68.1 | -1.6 | 0.0 | 68.1 |
| 6- 1 |si| 9|  Ty  | 9.9 | 0.0 | -7.2 | 15.9 |
----- PROGR.     145.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 5 | 4571.9 | 618.1 | 0.0 | 8128.9 | -1.5 | -11.2 |
| 6- 1 | 8649.3 | 639.0 | 0.0 | 235.4 | -1.9 | 30.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 5 |si| 4|Sx  Si| 378.9 | 0.0 | 0.0 | 378.9 |
| 6- 1 |si| 6|  Tz  | -75.9 | -1.3 | 0.0 | 75.9 |
| 6- 1 |si| 9|  Ty  | 10.0 | 0.0 | -6.0 | 14.3 |
----- PROGR.     169.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 5 | 4243.4 | 653.4 | 0.0 | 8128.9 | -1.5 | -16.0 |
| 6- 1 | 9302.8 | 684.6 | 0.0 | 235.4 | -1.9 | 24.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 5 |si| 4|Sx  Si| 376.7 | 0.0 | 0.0 | 376.7 |
| 6- 1 |si| 6|  Tz  | -82.3 | -1.1 | 0.0 | 82.3 |
| 6- 1 |si| 9|  Ty  | 10.0 | 0.0 | -4.7 | 12.9 |
----- PROGR.     193.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 5 | 3799.3 | 688.6 | 0.0 | 8128.9 | -1.5 | -20.8 |
| 11- 6 | 3791.9 | 547.0 | 0.0 | 8212.8 | -1.7 | -21.0 |
| 11- 8 | 3742.4 | 111.4 | 0.0 | 8391.1 | -0.6 | -21.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 5 |si| 4|Sx  Si| 373.4 | 0.0 | 0.0 | 373.4 |
| 11- 6 |si| 5|  Tz  | 291.1 | -1.0 | 0.0 | 291.1 |
| 11- 8 |si| 9|  Ty  | 330.3 | 0.0 | 4.2 | 330.4 |
----- PROGR.

VERIFICA STABILITA` :
|L0 = 193.1
Z |Lc = 193. |Ro = 4.89 |lm = 39.5 |Ncr= 338101.8 |alfa(b)=0.3400 |ki=0.9038 |
Y |Lc = 193. |Ro = 3.01 |lm = 64.0 |Ncr= 128500.9 |alfa(c)=0.4900 |ki=0.7014 |
Caso11- 9 - Nodo 3 - Asse Y
Ned = -7278.6 |Mzeq = -3068.8 |Myeq = 181.5 |Ss = -442.8 ( 0.169)

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 320- 321) 570
----- PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 10384.5 | 743.7 | 0.0 | 14634.5 | 3.3 | 34.7 |
| 6- 1 | 9806.0 | 730.2 | 0.0 | 13025.0 | 3.8 | 35.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4|Sx  Si| 692.7 | 0.0 | 0.0 | 692.7 |
| 6- 1 |si| 5|  Tz  | 425.2 | 1.7 | 0.0 | 425.2 |
| 6- 1 |si| 9|  Ty  | 513.4 | 0.0 | -7.0 | 513.5 |
----- PROGR.      24.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 11145.4 | 664.4 | 0.0 | 14634.5 | 3.3 | 28.4 |
| 6- 1 | 10592.7 | 638.2 | 0.0 | 13025.0 | 3.8 | 29.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 4|Sx  Si| 697.7 | 0.0 | 0.0 | 697.7 |
| 6- 1 |si| 5|  Tz  | 417.2 | 1.5 | 0.0 | 417.2 |

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Copertura area carburante - Relazione di calcolo

6-1	si	9	Ty	513.3	0.0	-5.8	513.4	48.
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SOLLECITAZIONI :
----- PROGR.

Caso	MZ	MY	MT	N	TZ	TY
5-1	11756.0	585.0	0.0	14634.5	3.3	22.2
6-1	11229.1	546.1	0.0	13025.0	3.8	23.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	701.4	0.0	0.0
6-1	si	5	Tz	410.7	1.2	0.0	410.7
6-1	si	9	Ty	513.2	0.0	-4.6	513.2

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12216.3	505.7	0.0	14634.5	3.3	16.0
6-1	11715.2	454.1	0.0	13025.0	3.8	17.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	703.7	0.0	0.0
6-1	si	5	Tz	405.5	1.0	0.0	405.5
6-1	si	9	Ty	513.1	0.0	-3.4	513.1

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12526.4	426.3	0.0	14634.5	3.3	9.7
6-1	12051.0	362.1	0.0	13025.0	3.8	10.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	704.5	0.0	0.0
6-1	si	5	Tz	401.8	0.7	0.0	401.8
6-1	si	9	Ty	513.0	0.0	-2.1	513.0

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12686.2	346.9	0.0	14634.5	3.3	3.5
12-1	3465.9	223.7	0.0	4223.0	8.5	-5.3
11-5	4368.4	284.5	0.0	7611.9	3.4	-7.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	703.9	0.0	0.0
12-1	si	6	Tz	132.3	0.8	0.0	132.3
11-5	si	9	Ty	299.9	0.0	1.4	299.9

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12695.7	267.6	0.0	14634.5	3.3	-2.7
12-1	3281.1	17.8	0.0	4223.0	8.5	-10.1
8-2	2286.8	18.9	0.0	1724.1	-0.7	-12.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	702.0	0.0	0.0
12-1	si	6	Tz	135.3	1.0	0.0	135.3
8-2	si	9	Ty	67.9	0.0	2.4	68.0

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12555.0	188.2	0.0	14634.5	3.3	-8.9
12-1	2980.7	-188.2	0.0	4223.0	8.5	-14.8
8-2	1920.7	36.6	0.0	1724.1	-0.7	-18.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	698.6	0.0	0.0
12-1	si	6	Tz	139.4	1.2	0.0	139.4
8-2	si	9	Ty	67.9	0.0	3.6	68.2

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12264.0	108.8	0.0	14634.5	3.3	-15.2
12-1	2564.7	-394.1	0.0	4223.0	8.5	-19.6
8-2	1404.4	54.4	0.0	1724.1	-0.7	-24.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	693.8	0.0	0.0
12-1	si	6	Tz	144.6	1.4	0.0	144.6
8-2	si	9	Ty	67.9	0.0	4.8	68.4

VERIFICA STABILITA` :

lL0 = 193.1
 Z lLc = 193.1Ro = 4.89lIm = 39.5lNcr= 338101.8lalfa(b)=0.3400lki=0.9038l
 Y lLc = 193.1Ro = 3.01lIm = 64.0lNcr= 128500.9lalfa(c)=0.4900lki=0.7014l
 Caso11-10 - Nodo 1 - Asse Y
 Ned = -874.7lMzeq = 2029.3lMyeq = -321.2lSs = -76.6 (0.029)

P_HEA120_S011 (11) stato limite ultimo - ASTA (321- 322) 571
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12264.0	108.8	0.0	19596.4	3.3	16.8
12-3	2078.7	-537.3	0.0	4044.9	8.8	19.3
7-2	784.0	-137.2	0.0	1609.4	0.1	28.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	889.1	0.0	0.0
12-3	si	5	Tz	136.3	1.4	0.0	136.3
7-2	si	9	Ty	63.2	0.0	-5.7	64.0

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

5- 1	12594.4	29.5	0.0	19596.4	3.3	10.6
| 12- 3|	2486.0|	-750.8|	0.0|	4044.9|	8.8|	14.5|
| 7- 2|	1406.6|	-140.6|	0.0|	1609.4|	0.1|	22.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	890.1|	0.0|	0.0|	890.1|
| 12- 3|si| 5|	Tz |	131.2|	1.2|	0.0|	131.2|
| 7- 2|si| 9|	Ty |	63.2|	0.0|	-4.5|	63.7|

48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12774.5|	-49.9|	0.0|	19596.4|	3.3|	4.4|
| 12- 3|	2777.6|	-964.3|	0.0|	4044.9|	8.8|	9.7|
| 7- 2|	1878.9|	-144.0|	0.0|	1609.4|	0.1|	16.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	892.3|	0.0|	0.0|	892.3|
| 12- 3|si| 5|	Tz |	127.1|	1.0|	0.0|	127.1|
| 7- 2|si| 9|	Ty |	63.2|	0.0|	-3.2|	63.4|

72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12804.3|	-129.3|	0.0|	19596.4|	3.3|	-1.9|
| 12- 3|	2953.7|	-1177.8|	0.0|	4044.9|	8.8|	4.9|
| 7- 2|	2201.0|	-147.4|	0.0|	1609.4|	0.1|	10.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	894.7|	0.0|	0.0|	894.7|
| 12- 3|si| 5|	Tz |	124.1|	0.8|	0.0|	124.1|
| 7- 2|si| 9|	Ty |	63.2|	0.0|	-2.0|	63.3|

96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12683.9|	-208.6|	0.0|	19596.4|	3.3|	-8.1|
| 12- 2|	3310.9|	-1308.4|	0.0|	5321.7|	9.1|	-2.5|
| 7- 1|	11617.2|	-143.7|	0.0|	18215.0|	3.1|	-8.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	895.6|	0.0|	0.0|	895.6|
| 12- 2|si| 6|	Tz |	186.6|	0.8|	0.0|	186.6|
| 7- 1|si| 9|	Ty |	716.7|	0.0|	1.7|	716.7|

121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12413.3|	-288.0|	0.0|	19596.4|	3.3|	-14.3|
| 12- 2|	3191.8|	-1527.6|	0.0|	5321.7|	9.1|	-7.3|
| 7- 1|	11337.6|	-217.7|	0.0|	18215.0|	3.1|	-14.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	895.1|	0.0|	0.0|	895.1|
| 12- 2|si| 6|	Tz |	189.1|	1.0|	0.0|	189.1|
| 7- 1|si| 9|	Ty |	716.6|	0.0|	2.9|	716.6|

145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	11992.3|	-367.3|	0.0|	19596.4|	3.3|	-20.6|
| 12- 2|	2957.0|	-1746.9|	0.0|	5321.7|	9.1|	-12.1|
| 7- 1|	10907.7|	-291.7|	0.0|	18215.0|	3.1|	-20.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	893.2|	0.0|	0.0|	893.2|
| 12- 2|si| 6|	Tz |	192.7|	1.1|	0.0|	192.7|
| 7- 1|si| 9|	Ty |	716.5|	0.0|	4.1|	716.6|

169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	11421.1|	-446.7|	0.0|	19596.4|	3.3|	-26.8|
| 12- 2|	2606.7|	-1966.2|	0.0|	5321.7|	9.1|	-16.9|
| 7- 1|	10327.5|	-365.7|	0.0|	18215.0|	3.1|	-27.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	889.9|	0.0|	0.0|	889.9|
| 12- 2|si| 6|	Tz |	197.3|	1.3|	0.0|	197.3|
| 7- 1|si| 9|	Ty |	716.4|	0.0|	5.4|	716.5|

193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	10699.6|	-526.1|	0.0|	19596.4|	3.3|	-33.0|
| 7- 1|	9597.1|	-439.7|	0.0|	18215.0|	3.1|	-33.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	885.2|	0.0|	0.0|	885.2|
| 5- 1|si| 6|	Tz |	674.1|	1.6|	0.0|	674.1|
| 7- 1|si| 9|	Ty |	716.4|	0.0|	6.6|	716.5|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11)	stato limite ultimo - ASTA (322- 323)	572
	-----	0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	10685.2|	-742.5|	0.0|	18731.0|	-2.5|	31.0|
| 12- 8|	2088.1|	-2281.3|	0.0|	5250.0|	-23.0|	22.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	856.7|	0.0|	0.0|	856.7|
| 12- 8|si| 6|	Tz |	201.3|	-2.6|	0.0|	201.4|
| 6- 1|si| 9|	Ty |	736.3|	0.0|	-6.1|	736.4|

24.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	11359.0	-681.8	0.0	18731.0	-2.5	24.8
12- 8	2566.5	-1726.0	0.0	5250.0	-23.0	17.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	861.4	0.0	0.0	861.4
12- 8	si	6	Tz	193.4	-2.4	0.0	193.4	
6- 1	si	9	Ty	736.4	0.0	-4.9	736.5	

----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	11882.5	-621.0	0.0	18731.0	-2.5	18.6
12- 8	2929.4	-1170.7	0.0	5250.0	-23.0	12.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	864.7	0.0	0.0	864.7
12- 8	si	6	Tz	186.5	-2.2	0.0	186.5	
6- 1	si	9	Ty	736.5	0.0	-3.7	736.5	

----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12255.7	-560.2	0.0	18731.0	-2.5	12.4
12- 8	3176.6	-615.3	0.0	5250.0	-23.0	7.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	866.7	0.0	0.0	866.7
12- 8	si	6	Tz	180.7	-2.0	0.0	180.7	
6- 1	si	9	Ty	736.5	0.0	-2.4	736.6	

----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12478.7	-499.4	0.0	18731.0	-2.5	6.1
12- 8	3308.2	-60.0	0.0	5250.0	-23.0	3.1
11- 9	3665.3	-164.2	0.0	6877.3	-7.1	6.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	867.2	0.0	0.0	867.2
12- 8	si	6	Tz	176.0	-1.8	0.0	176.0	
11- 9	si	9	Ty	270.5	0.0	-1.4	270.5	

----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12551.4	-438.6	0.0	18731.0	-2.5	-0.1
12- 9	3043.5	-645.4	0.0	4217.4	22.3	-5.1
11- 8	2593.3	-156.2	0.0	2590.0	6.4	-8.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	866.3	0.0	0.0	866.3
12- 9	si	6	Tz	141.5	1.8	0.0	141.5	
11- 8	si	9	Ty	101.8	0.0	1.8	101.8	

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12473.9	-377.9	0.0	18731.0	-2.5	-6.3
12- 9	2863.7	-1184.3	0.0	4217.4	22.3	-9.8
11- 8	2320.3	-310.2	0.0	2590.0	6.4	-13.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	864.0	0.0	0.0	864.0
12- 9	si	6	Tz	146.5	2.0	0.0	146.6	
11- 8	si	9	Ty	101.6	0.0	2.7	101.7	

----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	12246.0	-317.1	0.0	18731.0	-2.5	-12.6
12- 9	2568.3	-1723.2	0.0	4217.4	22.3	-14.6
8- 2	1898.3	90.4	0.0	2867.1	0.6	-19.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	860.3	0.0	0.0	860.3
12- 9	si	6	Tz	152.7	2.2	0.0	152.7	
8- 2	si	9	Ty	112.9	0.0	3.9	113.1	

----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	11867.9	-256.3	0.0	18731.0	-2.5	-18.8
12- 9	2157.2	-2262.1	0.0	4217.4	22.3	-19.4
8- 2	1342.5	75.3	0.0	2867.1	0.6	-26.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	855.1	0.0	0.0	855.1
12- 9	si	6	Tz	159.9	2.4	0.0	160.0	
8- 2	si	9	Ty	112.9	0.0	5.2	113.3	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (323- 324) 573
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	11867.9	-256.3	0.0	12902.5	-2.5	13.9
12- 8	2678.9	2161.3	0.0	4451.7	-22.3	17.4
7- 2	1959.9	42.8	0.0	4234.6	-1.1	26.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	625.8	0.0	0.0	625.8
12- 8	si	6	Tz	136.5	-2.3	0.0	136.6	
7- 2	si	9	Ty	166.7	0.0	-5.3	166.9	

Copertura area carburante - Relazione di calcolo

----- PROGR. 24.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	12128.1 |	-195.5 |	0.0 |	12902.5 |	-2.5 |	7.7 |			
| 12- 8 |	3040.1 |	2699.3 |	0.0 |	4451.7 |	-22.3 |	12.6 |			
| 7- 2 |	2527.2 |	68.6 |	0.0 |	4234.6 |	-1.1 |	20.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 3|Sx Si|	626.6 |	0.0 |	0.0 |	626.6 |				
| 12- 8 |	si| 6| Tz	129.7 |	-2.1 |	0.0 |	129.8 |				
| 7- 2 |	si| 9| Ty	166.7 |	0.0 |	-4.0 |	166.9 |				
----- PROGR. 48.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	12238.0 |	-134.8 |	0.0 |	12902.5 |	-2.5 |	1.4 |			
| 12- 8 |	3285.8 |	3237.4 |	0.0 |	4451.7 |	-22.3 |	7.8 |			
| 7- 2 |	2944.2 |	94.5 |	0.0 |	4234.6 |	-1.1 |	14.2 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 3|Sx Si|	626.1 |	0.0 |	0.0 |	626.1 |				
| 12- 8 |	si| 6| Tz	124.0 |	-1.9 |	0.0 |	124.1 |				
| 7- 2 |	si| 9| Ty	166.8 |	0.0 |	-2.8 |	166.8 |				
----- PROGR. 72.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	12197.7 |	-74.0 |	0.0 |	12902.5 |	-2.5 |	-4.8 |			
| 12- 8 |	3415.8 |	3775.4 |	0.0 |	4451.7 |	-22.3 |	3.0 |			
| 7- 2 |	3211.0 |	120.4 |	0.0 |	4234.6 |	-1.1 |	7.9 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 3|Sx Si|	624.1 |	0.0 |	0.0 |	624.1 |				
| 12- 8 |	si| 6| Tz	119.4 |	-1.8 |	0.0 |	119.5 |				
| 7- 2 |	si| 9| Ty	166.8 |	0.0 |	-1.6 |	166.8 |				
----- PROGR. 96.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	12007.1 |	-13.2 |	0.0 |	12902.5 |	-2.5 |	-11.0 |			
| 12- 8 |	3430.2 |	4313.5 |	0.0 |	4451.7 |	-22.3 |	-1.8 |			
| 5- 1 |	11558.4 |	-92.2 |	0.0 |	11292.5 |	-1.5 |	-11.8 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 3|Sx Si|	620.7 |	0.0 |	0.0 |	620.7 |				
| 12- 8 |	si| 5| Tz	170.1 |	-1.7 |	0.0 |	170.1 |				
| 5- 1 |	si| 9| Ty	444.3 |	0.0 |	2.3 |	444.3 |				
----- PROGR. 121.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	11666.2 |	47.6 |	0.0 |	12902.5 |	-2.5 |	-17.2 |			
| 12- 8 |	3329.1 |	4851.5 |	0.0 |	4451.7 |	-22.3 |	-6.6 |			
| 5- 1 |	11198.0 |	-56.0 |	0.0 |	11292.5 |	-1.5 |	-18.1 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 4|Sx Si|	618.4 |	0.0 |	0.0 |	618.4 |				
| 12- 8 |	si| 5| Tz	174.4 |	-1.9 |	0.0 |	174.5 |				
| 5- 1 |	si| 9| Ty	444.3 |	0.0 |	3.6 |	444.4 |				
----- PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	11175.0 |	108.4 |	0.0 |	12902.5 |	-2.5 |	-23.5 |			
| 12- 8 |	3112.3 |	5389.6 |	0.0 |	4451.7 |	-22.3 |	-11.4 |			
| 5- 1 |	10687.3 |	-19.9 |	0.0 |	11292.5 |	-1.5 |	-24.3 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 4|Sx Si|	615.4 |	0.0 |	0.0 |	615.4 |				
| 12- 8 |	si| 5| Tz	179.8 |	-2.1 |	0.0 |	179.9 |				
| 5- 1 |	si| 9| Ty	444.4 |	0.0 |	4.8 |	444.5 |				
----- PROGR. 169.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	10533.6 |	169.1 |	0.0 |	12902.5 |	-2.5 |	-29.7 |			
| 12- 8 |	2780.0 |	5927.6 |	0.0 |	4451.7 |	-22.3 |	-16.2 |			
| 5- 1 |	10026.3 |	16.3 |	0.0 |	11292.5 |	-1.5 |	-30.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 4|Sx Si|	611.0 |	0.0 |	0.0 |	611.0 |				
| 12- 8 |	si| 5| Tz	186.3 |	-2.3 |	0.0 |	186.4 |				
| 5- 1 |	si| 9| Ty	444.4 |	0.0 |	6.0 |	444.6 |				
----- PROGR. 193.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	9741.9 |	229.9 |	0.0 |	12902.5 |	-2.5 |	-35.9 |			
| 12- 8 |	2332.1 |	6465.7 |	0.0 |	4451.7 |	-22.3 |	-21.0 |			
| 5- 1 |	9215.1 |	52.5 |	0.0 |	11292.5 |	-1.5 |	-36.7 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 4|Sx Si|	605.1 |	0.0 |	0.0 |	605.1 |				
| 12- 8 |	si| 5| Tz	193.9 |	-2.5 |	0.0 |	194.0 |				
| 5- 1 |	si| 9| Ty	444.5 |	0.0 |	7.2 |	444.6 |				
----- PROGR. 0.									
VERIFICA STABILITA` :									
|L0 = 193. |									
Z |Lc = 193. |Ro = 4.89 |lm = 39.5 |Ncr= 338101.8 |alfa(b)=0.3400 |ki=0.9038 |									
Y |Lc = 193. |Ro = 3.01 |lm = 64.0 |Ncr= 128500.9 |alfa(c)=0.4900 |ki=0.7014 |									
Casol1- 7 - Nodo 1 - Asse Y									
Ned = -879.8 |Mzeq = 2075.9 |Myeq = -1811.4 |Ss = -116.3 (0.044)									
P_HEA120_S011 (11) stato limite ultimo - ASTA (324- 325) 574									
----- PROGR. 0.									

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-10	3528.7	2082.0	0.0	8582.5	27.7	22.1		
12- 3	2520.0	5839.5	0.0	3130.3	91.5	12.5		
5- 1	9215.1	52.5	0.0	-3035.9	0.1	-23.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-10	si	4	Sx	Si	425.0	0.0	0.0	425.0
12- 3	si	5	Tz		136.2	7.2	0.0	136.8
5- 1	si	9	Ty		-119.4	0.0	4.6	119.7
							PROGR.	24.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-10	4004.1	1414.5	0.0	8582.5	27.7	17.3		
12- 3	2762.9	3631.4	0.0	3130.3	91.5	7.7		
5- 1	8574.6	49.2	0.0	-3035.9	0.1	-29.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-10	si	4	Sx	Si	412.1	0.0	0.0	412.1
12- 3	si	5	Tz		120.1	7.0	0.0	120.7
5- 1	si	9	Ty		-119.4	0.0	5.8	119.8
							PROGR.	48.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-10	4363.9	747.0	0.0	8582.5	27.7	12.5		
12-14	1768.0	-1396.8	0.0	-2161.7	-91.4	-6.3		
5- 1	7783.8	45.9	0.0	-3035.9	0.1	-35.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-10	si	4	Sx	Si	398.1	0.0	0.0	398.1
12-14	si	5	Tz		-110.4	-7.0	0.0	111.1
5- 1	si	9	Ty		-119.4	0.0	7.1	120.1
							PROGR.	72.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-12	4655.0	406.3	0.0	8421.8	-26.9	7.4		
12-14	1557.2	809.4	0.0	-2161.7	-91.4	-11.1		
5- 1	6842.7	42.6	0.0	-3035.9	0.1	-42.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	4	Sx	Si	385.7	0.0	0.0	385.7
12-14	si	5	Tz		-94.6	-7.2	0.0	95.4
5- 1	si	9	Ty		-119.4	0.0	8.3	120.3
							PROGR.	96.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-12	4776.4	1055.6	0.0	8421.8	-26.9	2.6		
12-14	1230.9	3015.6	0.0	-2161.7	-91.4	-15.9		
5- 1	5751.4	39.3	0.0	-3035.9	0.1	-48.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	4	Sx	Si	403.7	0.0	0.0	403.7
12-14	si	5	Tz		-77.7	-7.3	0.0	78.7
5- 1	si	9	Ty		-119.4	0.0	9.5	120.6
							PROGR.	121.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-12	4782.2	1704.9	0.0	8421.8	-26.9	-2.2		
12-14	789.0	5221.8	0.0	-2161.7	-91.4	-20.7		
5- 1	4509.8	36.1	0.0	-3035.9	0.1	-54.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	4	Sx	Si	420.6	0.0	0.0	420.6
12-14	si	5	Tz		-59.7	-7.5	0.0	61.1
5- 1	si	9	Ty		-119.4	0.0	10.8	120.9
							PROGR.	145.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-12	4672.5	2354.2	0.0	8421.8	-26.9	-6.9		
12-14	231.5	7428.0	0.0	-2161.7	-91.4	-25.5		
5- 1	3117.9	32.8	0.0	-3035.9	0.1	-60.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	4	Sx	Si	436.4	0.0	0.0	436.4
12-14	si	5	Tz		-40.6	-7.7	0.0	42.8
5- 1	si	9	Ty		-119.4	0.0	12.0	121.2
							PROGR.	169.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11- 9	4439.3	-2789.7	0.0	8567.6	27.9	-11.5		
12-14	-441.5	9634.2	0.0	-2161.7	-91.4	-30.3		
5- 1	1575.7	29.5	0.0	-3035.9	0.1	-67.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 9	si	3	Sx	Si	451.3	0.0	0.0	451.3
12-14	si	5	Tz		-20.4	-7.9	0.0	24.6
5- 1	si	9	Ty		-119.4	0.0	13.2	121.6
							PROGR.	193.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11- 9	4104.0	-3462.7	0.0	8567.6	27.9	-16.3		
12-14	-1230.2	11840.4	0.0	-2161.7	-91.4	-35.1		
5- 1	-116.7	26.2	0.0	-3035.9	0.1	-73.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 9	si	3	Sx	Si	465.6	0.0	0.0	465.6
12-14	si	5	Tz		0.8	-8.1	0.0	14.1
5- 1	si	9	Ty		-119.4	0.0	14.4	122.0

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11- 8 - Nodo 3 - Asse Y
 Ned = -7599.0|Mzeq = -3080.6|Myeq = 2608.4|Ss = -528.0 (0.202)

P_HEAL20_S011 (11) stato limite ultimo - ASTA (309- 319) 590
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-13357.8|	-1.9|	33.1|
7- 1|	0.0|	0.0|	0.0|	-6028.8|	-1.9|	44.7|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx		-525.7|	0.0|	0.0|	525.7|
7- 1|si| 6| Tz		-237.3|	-1.9|	0.0|	237.3|
7- 1|si| 9| Ty		-237.3|	0.0|	-8.8|	237.7|
6- 1|si| 9| Si		-525.7|	0.0|	-6.5|	525.8|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	722.5|	45.6|	0.0|	-13357.8|	-1.9|	26.8|
7- 1|	1003.8|	46.5|	0.0|	-6028.8|	-1.9|	38.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx		-533.7|	0.0|	0.0|	533.7|
7- 1|si| 6| Tz		-247.0|	-1.7|	0.0|	247.0|
7- 1|si| 9| Ty		-237.2|	0.0|	-7.6|	237.6|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1294.8|	91.3|	0.0|	-13357.8|	-1.9|	20.6|
7- 1|	1857.4|	93.1|	0.0|	-6028.8|	-1.9|	32.3|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx		-540.2|	0.0|	0.0|	540.2|
7- 1|si| 6| Tz		-255.3|	-1.4|	0.0|	255.3|
7- 1|si| 9| Ty		-237.2|	0.0|	-6.4|	237.4|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1716.8|	136.9|	0.0|	-13357.8|	-1.9|	14.4|
11- 5|	2410.2|	152.4|	0.0|	7213.3|	-2.1|	26.1|
11- 8|	2425.8|	-2.4|	0.0|	7527.6|	0.0|	26.3|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx		-545.4|	0.0|	0.0|	545.4|
11- 5|si| 6| Tz		260.3|	-1.2|	0.0|	260.3|
11- 8|si| 9| Ty		296.2|	0.0|	-5.2|	296.4|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1988.5|	182.6|	0.0|	-13357.8|	-1.9|	8.1|
11- 5|	2982.5|	203.3|	0.0|	7213.3|	-2.1|	21.3|
11- 8|	3003.2|	-3.3|	0.0|	7527.6|	0.0|	21.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx		-549.1|	0.0|	0.0|	549.1|
11- 5|si| 6| Tz		254.6|	-1.0|	0.0|	254.6|
11- 8|si| 9| Ty		296.2|	0.0|	-4.2|	296.3|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	2110.0|	228.2|	0.0|	-13357.8|	-1.9|	1.9|
11-12|	-1664.5|	-162.5|	0.0|	-12577.2|	1.3|	-25.8|
11- 9|	-1690.4|	95.6|	0.0|	-12891.5|	-0.8|	-26.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx		-551.4|	0.0|	0.0|	551.4|
11-12|si| 6| Tz		-478.3|	1.1|	0.0|	478.3|
11- 9|si| 9| Ty		-507.2|	0.0|	5.1|	507.3|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	2081.1|	273.8|	0.0|	-13357.8|	-1.9|	-4.3|
11-12|	-2344.1|	-195.1|	0.0|	-12577.2|	1.3|	-30.6|
7- 2|	-1913.1|	-41.3|	0.0|	-10782.4|	0.3|	-31.9|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx		-552.3|	0.0|	0.0|	552.3|
11-12|si| 6| Tz		-471.8|	1.3|	0.0|	471.8|
7- 2|si| 9| Ty		-424.4|	0.0|	6.3|	424.5|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1902.1|	319.5|	0.0|	-13357.8|	-1.9|	-10.5|
7- 2|	-2757.9|	-48.2|	0.0|	-10782.4|	0.3|	-38.1|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx		-551.8|	0.0|	0.0|	551.8|
7- 2|si| 6| Tz		-398.2|	1.5|	0.0|	398.2|
7- 2|si| 9| Ty		-424.4|	0.0|	7.5|	424.6|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1572.7|	365.1|	0.0|	-13357.8|	-1.9|	-16.8|
7- 2|	-3752.9|	-55.1|	0.0|	-10782.4|	0.3|	-44.4|

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	2	Sx	Si	-549.9	0.0	549.9
7-2	|si	6	Tz		-388.8	1.8	388.8
7-2	|si	9	Ty		-424.4	0.0	424.7

VERIFICA STABILITA` :

L0 = 193.1
 Z |Lc = 193. |Ro = 4.89 |lm = 39.5 |Ncr= 338101.8 |alfa(b) = 0.3400 |ki = 0.9038 |
 Y |Lc = 193. |Ro = 3.01 |lm = 64.0 |Ncr= 128500.9 |alfa(c) = 0.4900 |ki = 0.7014 |
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -13357.8 |Mzeq = 2064.1 |Myeq = 273.8 |Ss = -777.6 (0.297)

P_HEA120_S011 (11) stato limite ultimo - ASTA (325- 326) 591
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-1485.6	-7.4	0.0	-19094.4	0.0	32.6
12-2	-1237.3	-11877.7	0.0	-5582.5	-61.5	25.6
11-6	-4118.4	-3433.0	0.0	-13153.4	-17.8	40.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	4	Sx	Si	-765.6	0.0	765.6
12-2	|si	6	Tz		-133.5	0.0	133.9
11-6	|si	9	Ty		-521.4	0.0	521.5

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-774.0	-6.5	0.0	-19094.4	0.0	26.4
12-2	-678.1	-10393.0	0.0	-5582.5	-61.5	20.8
11-6	-3199.0	-3003.9	0.0	-13153.4	-17.8	35.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	4	Sx	Si	-758.9	0.0	758.9
12-2	|si	6	Tz		-148.1	-5.3	148.4
11-6	|si	9	Ty		-520.9	0.0	521.0

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-212.6	-5.6	0.0	-19094.4	0.0	20.2
12-2	-234.5	-8908.3	0.0	-5582.5	-61.5	16.0
11-6	-2395.2	-2574.8	0.0	-13153.4	-17.8	30.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	4	Sx	Si	-753.6	0.0	753.6
12-2	|si	6	Tz		-161.6	-5.2	161.8
11-6	|si	9	Ty		-520.4	0.0	520.5

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	198.5	-4.6	0.0	-19094.4	0.0	13.9
12-2	93.6	-7423.6	0.0	-5582.5	-61.5	11.2
11-6	-1707.1	-2145.6	0.0	-13153.4	-17.8	26.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	1	Sx	Si	-753.4	0.0	753.4
12-2	|si	6	Tz		-174.0	-5.0	174.2
11-6	|si	9	Ty		-520.0	0.0	520.0

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	459.3	-3.7	0.0	-19094.4	0.0	7.7
12-15	1541.7	5946.4	0.0	53.9	61.6	-6.4
11-6	-1134.5	-1716.5	0.0	-13153.4	-17.8	21.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	1	Sx	Si	-755.9	0.0	755.9
12-15	|si	6	Tz		-49.7	4.8	50.4
11-6	|si	9	Ty		-519.5	0.0	519.6

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	569.9	-2.8	0.0	-19094.4	0.0	1.5
12-15	1329.6	4459.8	0.0	53.9	61.6	-11.2
11-11	2410.0	1293.1	0.0	7624.8	17.9	-26.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	1	Sx	Si	-756.9	0.0	756.9
12-15	|si	6	Tz		-38.4	5.0	39.3
11-11	|si	9	Ty		301.5	0.0	301.6

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	530.2	-1.9	0.0	-19094.4	0.0	-4.8
12-15	1002.0	2973.2	0.0	53.9	61.6	-16.0
11-11	1722.3	862.0	0.0	7624.8	17.9	-30.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	1	Sx	Si	-756.5	0.0	756.5
12-15	|si	6	Tz		-25.9	5.2	27.4
11-11	|si	9	Ty		301.0	0.0	301.2

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	340.2	-0.9	0.0	-19094.4	0.0	-11.0
12-15	558.8	1486.6	0.0	53.9	61.6	-20.8
11-11	918.9	431.0	0.0	7624.8	17.9	-35.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

7- 1 si 1 Sx	Si	-754.7	0.0	0.0	754.7		
| 12-15|si| 6| Tz		-12.5|	5.3|	0.0|	15.5|		
| 11-11|si| 9| Ty		300.5|	0.0|	7.0|	300.8|		
-----							193.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	0.0|	0.0|	0.0|	-19094.4|	0.0|	-17.2|	
| 12-15|	0.0|	0.0|	0.0|	53.9|	61.6|	-25.6|	
| 11-11|	0.0|	0.0|	0.0|	7624.8|	17.9|	-40.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|si| 1|Sx	Si	-751.4|	0.0|	0.0|	751.4|		
| 12-15|si| 6| Tz		2.1|	5.5|	0.0|	9.8|		
| 11-11|si| 9| Ty		300.1|	0.0|	8.0|	300.4|		
| 7- 1|si| 9| Si		-751.4|	0.0|	3.4|	751.5|		

VERIFICA STABILITA' :							
|L0 = 193. |							
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|							
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|							
Caso 7- 1 - Nodo 4 - Asse Y							
Ned = -19094.4|Mzeq = -1114.2|Myeq = -5.6|Ss = -1082.6 (0.413)							
P_HEA120_S011 (11) stato limite ultimo - ASTA (600- 601) 955							
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	9295.6|	22.5|	0.0|	15576.7|	-0.1|	57.9|	
| 5- 1|	9232.6|	34.3|	0.0|	15334.8|	-0.2|	59.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	700.8|	0.0|	0.0|	700.8|		
| 5- 1|si| 6| Tz		516.7|	-2.4|	0.0|	516.7|		
| 5- 1|si| 9| Ty		603.5|	0.0|	-11.7|	603.9|		
-----							24.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	10617.8|	25.3|	0.0|	15576.7|	-0.1|	51.7|	
| 5- 1|	10588.4|	38.6|	0.0|	15334.8|	-0.2|	53.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	713.3|	0.0|	0.0|	713.3|		
| 5- 1|si| 6| Tz		503.9|	-2.1|	0.0|	503.9|		
| 5- 1|si| 9| Ty		603.5|	0.0|	-10.5|	603.8|		
-----							48.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	11789.7|	28.2|	0.0|	15576.7|	-0.1|	45.5|	
| 5- 1|	11794.0|	42.9|	0.0|	15334.8|	-0.2|	46.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	724.3|	0.0|	0.0|	724.3|		
| 5- 1|si| 6| Tz		492.6|	-1.9|	0.0|	492.6|		
| 5- 1|si| 9| Ty		603.5|	0.0|	-9.2|	603.7|		
-----							72.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	12811.4|	31.0|	0.0|	15576.7|	-0.1|	39.2|	
| 5- 1|	12849.4|	47.2|	0.0|	15334.8|	-0.2|	40.6|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	734.0|	0.0|	0.0|	734.0|		
| 5- 1|si| 6| Tz		482.7|	-1.6|	0.0|	482.7|		
| 5- 1|si| 9| Ty		603.5|	0.0|	-8.0|	603.7|		
-----							96.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	13682.8|	33.8|	0.0|	15576.7|	-0.1|	33.0|	
| 12- 5|	3456.2|	3422.8|	0.0|	3302.9|	-13.3|	10.8|	
| 5- 1|	13754.4|	51.5|	0.0|	15334.8|	-0.2|	34.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	742.2|	0.0|	0.0|	742.2|		
| 12- 5|si| 6| Tz		76.1|	-1.4|	0.0|	76.1|		
| 5- 1|si| 9| Ty		603.5|	0.0|	-6.8|	603.7|		
-----							121.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	14403.9|	36.6|	0.0|	15576.7|	-0.1|	26.8|	
| 12- 5|	3659.8|	3742.6|	0.0|	3302.9|	-13.3|	6.0|	
| 5- 1|	14509.2|	55.8|	0.0|	15334.8|	-0.2|	28.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	749.1|	0.0|	0.0|	749.1|		
| 12- 5|si| 6| Tz		72.2|	-1.2|	0.0|	72.2|		
| 5- 1|si| 9| Ty		603.6|	0.0|	-5.6|	603.6|		
-----							145.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	14974.8|	39.4|	0.0|	15576.7|	-0.1|	20.5|	
| 12-12|	3304.2|	-4071.6|	0.0|	3670.6|	13.3|	-1.4|	
| 5- 1|	15113.8|	60.0|	0.0|	15334.8|	-0.2|	21.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	754.5|	0.0|	0.0|	754.5|		
| 12-12|si| 6| Tz		139.0|	1.0|	0.0|	139.0|		
| 5- 1|si| 9| Ty		603.6|	0.0|	-4.3|	603.6|		
-----							169.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	15395.4	42.2	0.0	15576.7	-0.1	14.3	
12-12	3211.7	-4392.0	0.0	3670.6	13.3	-6.2	
5- 1	15568.0	64.3	0.0	15334.8	-0.2	15.7	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	4	Sx	Si	758.5	0.0	0.0	758.5
12-12	|si	6	Tz		141.9	1.2	0.0	141.9
5- 1	|si	9	Ty		603.6	0.0	-3.1	603.6

----- PROGR. 193.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	15665.7	45.1	0.0	15576.7	-0.1	8.1	
12-12	3003.7	-4712.5	0.0	3670.6	13.3	-11.0	
7- 2	2280.5	-364.1	0.0	3665.1	0.9	-18.8	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	4	Sx	Si	761.1	0.0	0.0	761.1
12-12	|si	6	Tz		145.9	1.4	0.0	145.9
7- 2	|si	9	Ty		143.8	0.0	3.7	144.0

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEA120_S011 (11) stato limite ultimo - ASTA (602- 603) 956
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	8055.5	233.5	0.0	14206.2	-1.2	67.1	
6- 1	8037.4	248.9	0.0	14120.9	-1.3	67.2	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	Sx	Si	640.7	0.0	0.0	640.7
6- 1	|si	6	Tz		478.8	-2.8	0.0	478.8
6- 1	|si	9	Ty		556.0	0.0	-13.3	556.5

----- PROGR. 24.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	9598.5	262.7	0.0	14206.2	-1.2	60.8	
6- 1	9584.4	280.0	0.0	14120.9	-1.3	61.0	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	Sx	Si	655.9	0.0	0.0	655.9
6- 1	|si	6	Tz		464.1	-2.5	0.0	464.1
6- 1	|si	9	Ty		556.0	0.0	-12.0	556.4

----- PROGR. 48.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	10991.2	291.9	0.0	14206.2	-1.2	54.6	
6- 1	10981.1	311.1	0.0	14120.9	-1.3	54.8	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	Sx	Si	669.8	0.0	0.0	669.8
6- 1	|si	6	Tz		450.8	-2.3	0.0	450.8
6- 1	|si	9	Ty		556.1	0.0	-10.8	556.4

----- PROGR. 72.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	12233.7	321.1	0.0	14206.2	-1.2	48.4	
6- 1	12227.6	342.2	0.0	14120.9	-1.3	48.6	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	Sx	Si	682.2	0.0	0.0	682.2
6- 1	|si	6	Tz		438.9	-2.0	0.0	438.9
6- 1	|si	9	Ty		556.1	0.0	-9.6	556.3

----- PROGR. 96.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	13326.0	350.3	0.0	14206.2	-1.2	42.2	
6- 1	13323.8	373.4	0.0	14120.9	-1.3	42.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	Sx	Si	693.2	0.0	0.0	693.2
6- 1	|si	6	Tz		428.4	-1.8	0.0	428.4
6- 1	|si	9	Ty		556.1	0.0	-8.3	556.3

----- PROGR. 121.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	14267.9	379.5	0.0	14206.2	-1.2	35.9	
6- 1	14269.7	404.5	0.0	14120.9	-1.3	36.1	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	Sx	Si	702.8	0.0	0.0	702.8
6- 1	|si	6	Tz		419.3	-1.5	0.0	419.3
6- 1	|si	9	Ty		556.2	0.0	-7.1	556.3

----- PROGR. 145.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	15059.6	408.7	0.0	14206.2	-1.2	29.7	
6- 1	15065.4	435.6	0.0	14120.9	-1.3	29.9	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	Sx	Si	711.0	0.0	0.0	711.0
6- 1	|si	6	Tz		411.7	-1.3	0.0	411.7
6- 1	|si	9	Ty		556.2	0.0	-5.9	556.3

----- PROGR. 169.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	15701.0	437.8	0.0	14206.2	-1.2	23.5	

Copertura area carburante - Relazione di calcolo

| 6- 1|	15710.8|	466.7|	0.0|	14120.9|	-1.3|	23.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	717.7|	0.0|	0.0|	717.7|		
| 6- 1|si| 6| Tz |	405.4|	-1.0|	0.0|	405.4|		
| 6- 1|si| 9| Ty |	556.2|	0.0|	-4.7|	556.3|		
----- PROGR. 193.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	16192.1|	467.0|	0.0|	14206.2|	-1.2|	17.2|
| 12- 5|	3555.1|	3521.4|	0.0|	3360.5|	-10.2|	-7.9|
| 6- 1|	16205.9|	497.8|	0.0|	14120.9|	-1.3|	17.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	723.1|	0.0|	0.0|	723.1|		
| 12- 5|si| 5| Tz |	121.0|	-1.1|	0.0|	121.0|		
| 6- 1|si| 9| Ty |	556.3|	0.0|	-3.4|	556.3|		

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11)	stato limite ultimo - ASTA (601- 606)	958
-----		0.
PROGR.		

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	15872.0|	68.6|	0.0|	23308.1|	0.3|	37.2|
| 12-16|	2980.0|	-5251.6|	0.0|	4723.6|	-79.0|	21.8|
| 6- 1|	15665.7|	45.1|	0.0|	22760.0|	0.7|	37.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	1067.9|	0.0|	0.0|	1067.9|		
| 12-16|si| 6| Tz |	190.9|	-6.7|	0.0|	191.3|		
| 6- 1|si| 9| Ty |	895.8|	0.0|	-7.4|	895.8|		
----- PROGR. 24.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	16694.7|	61.9|	0.0|	23308.1|	0.3|	31.0|
| 12-16|	3447.5|	-3344.8|	0.0|	4723.6|	-79.0|	17.0|
| 6- 1|	16493.9|	27.5|	0.0|	22760.0|	0.7|	31.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	1075.5|	0.0|	0.0|	1075.5|		
| 12-16|si| 6| Tz |	174.6|	-6.5|	0.0|	174.9|		
| 6- 1|si| 9| Ty |	895.7|	0.0|	-6.2|	895.8|		
----- PROGR. 48.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	17367.1|	55.1|	0.0|	23308.1|	0.3|	24.8|
| 12-16|	3799.4|	-1437.9|	0.0|	4723.6|	-79.0|	12.2|
| 6- 1|	17171.8|	9.9|	0.0|	22760.0|	0.7|	25.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	1081.6|	0.0|	0.0|	1081.6|		
| 12-16|si| 6| Tz |	159.3|	-6.3|	0.0|	159.7|		
| 6- 1|si| 9| Ty |	895.7|	0.0|	-4.9|	895.8|		
----- PROGR. 72.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	17889.2|	48.3|	0.0|	23308.1|	0.3|	18.5|
| 12-16|	4035.8|	469.0|	0.0|	4723.6|	-79.0|	7.4|
| 6- 1|	17699.5|	-7.7|	0.0|	22760.0|	0.7|	18.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	1086.3|	0.0|	0.0|	1086.3|		
| 12-16|si| 6| Tz |	145.1|	-6.1|	0.0|	145.5|		
| 6- 1|si| 9| Ty |	895.7|	0.0|	-3.7|	895.7|		
----- PROGR. 96.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18261.1|	41.6|	0.0|	23308.1|	0.3|	12.3|
| 12-16|	4156.5|	2375.9|	0.0|	4723.6|	-79.0|	2.6|
| 6- 1|	18076.9|	-25.2|	0.0|	22760.0|	0.7|	12.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	1089.7|	0.0|	0.0|	1089.7|		
| 12-16|si| 6| Tz |	132.0|	-5.9|	0.0|	132.4|		
| 6- 1|si| 9| Ty |	895.7|	0.0|	-2.5|	895.7|		
----- PROGR. 121.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18482.7|	34.8|	0.0|	23308.1|	0.3|	6.1|
| 12- 1|	4510.9|	-4292.6|	0.0|	5818.0|	79.0|	-4.4|
| 6- 1|	18304.0|	-42.8|	0.0|	22760.0|	0.7|	6.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	1091.6|	0.0|	0.0|	1091.6|		
| 12- 1|si| 6| Tz |	213.6|	6.0|	0.0|	213.9|		
| 6- 1|si| 9| Ty |	895.7|	0.0|	-1.2|	895.7|		
----- PROGR. 145.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18554.0|	28.1|	0.0|	23308.1|	0.3|	-0.2|
| 12- 1|	4346.2|	-6199.3|	0.0|	5818.0|	79.0|	-9.2|
| 8- 2|	3621.4|	-66.3|	0.0|	4180.9|	-1.8|	-11.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	1092.1|	0.0|	0.0|	1092.1|		
| 12- 1|si| 6| Tz |	227.1|	6.2|	0.0|	227.4|		
| 8- 2|si| 9| Ty |	164.5|	0.0|	2.3|	164.5|		
----- PROGR. 169.						

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	18475.1|	21.3|	0.0|	23308.1|	0.3|	-6.4|
12- 1|	4065.9|	-8106.1|	0.0|	5818.0|	79.0|	-14.0|
8- 2|	3261.6|	-23.2|	0.0|	4180.9|	-1.8|	-18.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		1091.1|	0.0|	0.0|	1091.1|
12- 1|si| 6|	Tz			241.7|	6.4|	0.0|	242.0|
8- 2|si| 9|	Ty			164.5|	0.0|	3.6|	164.6|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	18245.9|	14.5|	0.0|	23308.1|	0.3|	-12.6|
12- 1|	3669.9|	-10012.8|	0.0|	5818.0|	79.0|	-18.8|
8- 2|	2751.5|	19.9|	0.0|	4180.9|	-1.8|	-24.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		1088.8|	0.0|	0.0|	1088.8|
12- 1|si| 6|	Tz			257.4|	6.5|	0.0|	257.7|
8- 2|si| 9|	Ty			164.6|	0.0|	4.8|	164.8|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (603- 607) 959
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	16205.9|	497.8|	0.0|	27054.8|	2.5|	41.3|
12-16|	3281.9|	-3925.8|	0.0|	6117.0|	-56.8|	22.5|
5- 1|	16192.1|	467.0|	0.0|	27054.9|	1.9|	41.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|	Sx	Si		1229.7|	0.0|	0.0|	1229.7|
12-16|si| 6|	Tz			234.6|	-5.1|	0.0|	234.8|
5- 1|si| 9|	Ty			1065.2|	0.0|	-8.1|	1065.3|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	17126.6|	438.0|	0.0|	27054.8|	2.5|	35.0|
12-16|	3767.0|	-2555.6|	0.0|	6117.0|	-56.8|	17.7|
5- 1|	17113.1|	422.0|	0.0|	27054.9|	1.9|	35.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|	Sx	Si		1236.8|	0.0|	0.0|	1236.8|
12-16|si| 6|	Tz			221.4|	-4.9|	0.0|	221.6|
5- 1|si| 9|	Ty			1065.2|	0.0|	-6.9|	1065.3|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	17897.0|	378.1|	0.0|	27054.8|	2.5|	28.8|
12-16|	4136.5|	-1185.3|	0.0|	6117.0|	-56.8|	12.9|
5- 1|	17883.8|	377.0|	0.0|	27054.9|	1.9|	28.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|	Sx	Si		1242.4|	0.0|	0.0|	1242.4|
12-16|si| 6|	Tz			209.4|	-4.7|	0.0|	209.5|
5- 1|si| 9|	Ty			1065.1|	0.0|	-5.7|	1065.2|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	18504.3|	332.0|	0.0|	27054.9|	1.9|	22.6|
12-16|	4390.5|	184.9|	0.0|	6117.0|	-56.8|	8.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		1246.9|	0.0|	0.0|	1246.9|
12-16|si| 6|	Tz			198.4|	-4.5|	0.0|	198.5|
5- 1|si| 9|	Ty			1065.1|	0.0|	-4.5|	1065.1|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	18974.4|	287.0|	0.0|	27054.9|	1.9|	16.4|
12-16|	4528.8|	1555.1|	0.0|	6117.0|	-56.8|	3.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		1250.2|	0.0|	0.0|	1250.2|
12-16|si| 6|	Tz			188.5|	-4.3|	0.0|	188.6|
5- 1|si| 9|	Ty			1065.0|	0.0|	-3.2|	1065.1|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19294.3|	242.0|	0.0|	27054.9|	1.9|	10.1|
12- 1|	4591.8|	-2824.1|	0.0|	6273.1|	57.6|	-3.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		1252.0|	0.0|	0.0|	1252.0|
12- 1|si| 6|	Tz			221.5|	4.4|	0.0|	221.7|
5- 1|si| 9|	Ty			1065.0|	0.0|	-2.0|	1065.0|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19463.9|	197.0|	0.0|	27054.9|	1.9|	3.9|
12- 1|	4446.9|	-4212.9|	0.0|	6273.1|	57.6|	-8.4|
7- 2|	4110.1|	-120.1|	0.0|	5602.3|	-0.4|	-10.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		1252.4|	0.0|	0.0|	1252.4|
12- 1|si| 6|	Tz			231.6|	4.6|	0.0|	231.7|
7- 2|si| 9|	Ty			220.3|	0.0|	2.1|	220.4|

Copertura area carburante - Relazione di calcolo

----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19483.3	152.0	0.0	27054.9	1.9	-2.3
12- 1	4186.4	-5601.7	0.0	6273.1	57.6	-13.2
7- 2	3773.9	-111.6	0.0	5602.3	-0.4	-17.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1251.4	0.0
12- 1	si	6	Tz		242.8	4.7
7- 2	si	9	Ty		220.4	0.0

----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19352.4	107.0	0.0	27054.9	1.9	-8.5
12- 1	3810.4	-6990.5	0.0	6273.1	57.6	-18.0
7- 2	3287.6	-103.0	0.0	5602.3	-0.4	-23.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1249.0	0.0
12- 1	si	6	Tz		255.0	4.9
7- 2	si	9	Ty		220.4	0.0

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEA120_S011 (11) stato limite ultimo - ASTA (606- 609) 961
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	18245.9	14.5	0.0	30855.6	0.3	10.5
12- 8	3520.2	-10621.8	0.0	6808.1	-76.1	16.7
7- 2	2481.4	-163.5	0.0	5042.6	-1.0	25.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1385.8	0.0
12- 8	si	6	Tz		301.6	-6.2
7- 2	si	9	Ty		198.3	0.0

----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	18423.5	7.8	0.0	30855.6	0.3	4.2
12- 8	3865.0	-8785.7	0.0	6808.1	-76.1	11.9
7- 2	3011.2	-138.4	0.0	5042.6	-1.0	18.8
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1387.3	0.0
12- 8	si	6	Tz		286.8	-6.1
7- 2	si	9	Ty		198.3	0.0

----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	18450.8	1.0	0.0	30855.6	0.3	-2.0
12- 8	4094.2	-6949.6	0.0	6808.1	-76.1	7.1
7- 2	3390.8	-113.3	0.0	5042.6	-1.0	12.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1387.4	0.0
12- 8	si	6	Tz		273.2	-5.9
7- 2	si	9	Ty		198.3	0.0

----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	18327.9	-5.7	0.0	30855.6	0.3	-8.2
12- 8	4207.9	-5113.5	0.0	6808.1	-76.1	2.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	3	Sx	Si	1386.4	0.0
12- 8	si	6	Tz		260.6	-5.7
5- 1	si	9	Ty		1214.3	0.0

----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	18054.7	-12.5	0.0	30855.6	0.3	-14.4
12- 9	4264.9	3268.7	0.0	7084.5	76.1	-3.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	3	Sx	Si	1384.0	0.0
12- 9	si	6	Tz		218.3	5.7
5- 1	si	9	Ty		1214.3	0.0

----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	17631.2	-19.3	0.0	30855.6	0.3	-20.7
12- 9	4133.8	1432.7	0.0	7084.5	76.1	-7.8
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	3	Sx	Si	1380.2	0.0
12- 9	si	6	Tz		231.0	5.9
5- 1	si	9	Ty		1214.3	0.0

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	17057.4	-26.0	0.0	30855.6	0.3	-26.9
12- 9	3887.1	-403.2	0.0	7084.5	76.1	-12.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	3	Sx	Si	1375.0	0.0
12- 9	si	6	Tz		244.9	6.1
5- 1	si	9	Ty		1214.3	0.0

Copertura area carburante - Relazione di calcolo

-----								PROGR.	169.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	16333.4 |	-32.8 |	0.0 |	30855.6 |	0.3 |	-33.1 |			
| 12- 9 |	3524.9 |	-2239.1 |	0.0 |	7084.5 |	76.1 |	-17.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 3|Sx	Si |	1368.4 |	0.0 |	0.0 |	1368.4 |			
| 12- 9 |	|si| 6 |	Tz	259.8 |	6.3 |	0.0 |	260.0 |			
| 5- 1 |	|si| 9 |	Ty	1214.3 |	0.0 |	6.5 |	1214.3 |			
-----								PROGR.	193.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	15459.2 |	-39.5 |	0.0 |	30855.6 |	0.3 |	-39.4 |			
| 12- 9 |	3047.0 |	-4075.0 |	0.0 |	7084.5 |	76.1 |	-22.2 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 3|Sx	Si |	1360.3 |	0.0 |	0.0 |	1360.3 |			
| 12- 9 |	|si| 6 |	Tz	275.8 |	6.5 |	0.0 |	276.0 |			
| 5- 1 |	|si| 9 |	Ty	1214.3 |	0.0 |	7.8 |	1214.3 |			
-----								VERIFICA STABILITA` : asta tesa per tutti i casi di carico.	
P_HEA120_S011 (11) stato limite ultimo - ASTA (607- 610)								962	
-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	19352.4 |	107.0 |	0.0 |	33728.2 |	1.9 |	5.6 |			
| 12- 9 |	3838.5 |	7649.2 |	0.0 |	7639.1 |	53.5 |	15.3 |			
| 8- 2 |	3268.2 |	43.6 |	0.0 |	6961.1 |	-1.4 |	21.8 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 4|Sx	Si |	1511.7 |	0.0 |	0.0 |	1511.7 |			
| 12- 9 |	|si| 5 |	Tz	312.6 |	4.5 |	0.0 |	312.7 |			
| 8- 2 |	|si| 9 |	Ty	274.0 |	0.0 |	-4.3 |	274.1 |			
-----								PROGR.	24.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	19413.2 |	62.0 |	0.0 |	33728.2 |	1.9 |	-0.6 |			
| 12- 9 |	4149.4 |	6357.4 |	0.0 |	7639.1 |	53.5 |	10.5 |			
| 8- 2 |	3718.3 |	76.8 |	0.0 |	6961.1 |	-1.4 |	15.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 4|Sx	Si |	1511.1 |	0.0 |	0.0 |	1511.1 |			
| 12- 9 |	|si| 5 |	Tz	301.6 |	4.3 |	0.0 |	301.7 |			
| 8- 2 |	|si| 9 |	Ty	274.0 |	0.0 |	-3.1 |	274.1 |			
-----								PROGR.	48.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	19331.6 |	-100.7 |	0.0 |	33730.0 |	2.5 |	-6.9 |			
| 12- 9 |	4344.7 |	5065.6 |	0.0 |	7639.1 |	53.5 |	5.7 |			
| 8- 2 |	4018.2 |	110.1 |	0.0 |	6961.1 |	-1.4 |	9.3 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1 |	|si| 3|Sx	Si |	1511.4 |	0.0 |	0.0 |	1511.4 |			
| 12- 9 |	|si| 5 |	Tz	291.7 |	4.2 |	0.0 |	291.8 |			
| 8- 2 |	|si| 9 |	Ty	274.1 |	0.0 |	-1.8 |	274.1 |			
-----								PROGR.	72.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	19090.1 |	-160.5 |	0.0 |	33730.0 |	2.5 |	-13.1 |			
| 12- 9 |	4424.3 |	3773.8 |	0.0 |	7639.1 |	53.5 |	0.9 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1 |	|si| 3|Sx	Si |	1510.7 |	0.0 |	0.0 |	1510.7 |			
| 12- 9 |	|si| 5 |	Tz	282.8 |	4.0 |	0.0 |	282.9 |			
| 6- 1 |	|si| 9 |	Ty	1327.2 |	0.0 |	2.6 |	1327.3 |			
-----								PROGR.	96.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	18698.2 |	-220.4 |	0.0 |	33730.0 |	2.5 |	-19.4 |			
| 12- 9 |	4388.4 |	2482.0 |	0.0 |	7639.1 |	53.5 |	-3.9 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1 |	|si| 3|Sx	Si |	1508.5 |	0.0 |	0.0 |	1508.5 |			
| 12- 9 |	|si| 6 |	Tz	243.9 |	4.1 |	0.0 |	244.0 |			
| 6- 1 |	|si| 9 |	Ty	1327.2 |	0.0 |	3.8 |	1327.2 |			
-----								PROGR.	121.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	18156.1 |	-280.2 |	0.0 |	33730.0 |	2.5 |	-25.6 |			
| 12- 9 |	4236.9 |	1190.3 |	0.0 |	7639.1 |	53.5 |	-8.7 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1 |	|si| 3|Sx	Si |	1505.0 |	0.0 |	0.0 |	1505.0 |			
| 12- 9 |	|si| 6 |	Tz	253.4 |	4.3 |	0.0 |	253.5 |			
| 6- 1 |	|si| 9 |	Ty	1327.1 |	0.0 |	5.0 |	1327.1 |			
-----								PROGR.	145.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	17463.7 |	-340.0 |	0.0 |	33730.0 |	2.5 |	-31.8 |			
| 12- 9 |	3969.8 |	-101.5 |	0.0 |	7639.1 |	53.5 |	-13.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1 |	|si| 3|Sx	Si |	1500.1 |	0.0 |	0.0 |	1500.1 |			
| 12- 9 |	|si| 6 |	Tz	264.0 |	4.5 |	0.0 |	264.1 |			
| 6- 1 |	|si| 9 |	Ty	1327.1 |	0.0 |	6.3 |	1327.1 |			
-----								PROGR.	169.
SOLLECITAZIONI :									

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1	16621.1	-399.9	0.0	33730.0	2.5	-38.0
12- 9	3587.2	-1393.3	0.0	7639.1	53.5	-18.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	1493.7	0.0	0.0	1493.7
12- 9	si	6	Tz	275.7	4.7	0.0	275.8
6- 1	si	9	Ty	1327.0	0.0	7.5	1327.1

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	15628.1	-459.7	0.0	33730.0	2.5	-44.3
12- 9	3088.9	-2685.1	0.0	7639.1	53.5	-23.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	1486.0	0.0	0.0	1486.0
12- 9	si	6	Tz	288.5	4.8	0.0	288.6
6- 1	si	9	Ty	1326.9	0.0	8.7	1327.0

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEAL20_S011 (11) stato limite ultimo - ASTA (609- 612) 964
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	15459.2	-39.5	0.0	31838.0	1.2	42.0
12- 1	3005.4	4110.5	0.0	7372.8	14.7	23.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	1399.0	0.0	0.0	1399.0
12- 1	si	5	Tz	287.8	2.0	0.0	287.8
5- 1	si	9	Ty	1252.9	0.0	-8.3	1253.0

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	16396.7	-69.1	0.0	31838.0	1.2	35.7
12- 1	3504.1	3755.7	0.0	7372.8	14.7	18.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	1408.6	0.0	0.0	1408.6
12- 1	si	5	Tz	280.9	1.8	0.0	280.9
5- 1	si	9	Ty	1252.9	0.0	-7.0	1252.9

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	17184.0	-98.7	0.0	31838.0	1.2	29.5
12- 1	3887.2	3400.9	0.0	7372.8	14.7	13.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	1416.7	0.0	0.0	1416.7
12- 1	si	5	Tz	275.0	1.6	0.0	275.1
5- 1	si	9	Ty	1252.9	0.0	-5.8	1252.9

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	17821.0	-128.2	0.0	31838.0	1.2	23.3
12- 1	4154.7	3046.1	0.0	7372.8	14.7	8.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	1423.5	0.0	0.0	1423.5
12- 1	si	5	Tz	270.3	1.4	0.0	270.3
5- 1	si	9	Ty	1252.8	0.0	-4.6	1252.8

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	18307.7	-157.8	0.0	31838.0	1.2	17.1
12- 1	4306.7	2691.2	0.0	7372.8	14.7	3.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	1428.8	0.0	0.0	1428.8
12- 1	si	5	Tz	266.6	1.2	0.0	266.7
5- 1	si	9	Ty	1252.8	0.0	-3.4	1252.8

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	18644.2	-187.3	0.0	31838.0	1.2	10.8
12- 1	4343.0	2336.4	0.0	7372.8	14.7	-0.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	1432.7	0.0	0.0	1432.7
12- 1	si	6	Tz	234.7	1.1	0.0	234.7
5- 1	si	9	Ty	1252.8	0.0	-2.1	1252.8

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	18830.4	-216.9	0.0	31838.0	1.2	4.6
12- 1	4263.8	1981.6	0.0	7372.8	14.7	-5.7
7- 2	3660.5	46.9	0.0	5821.6	-0.1	-10.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	1435.2	0.0	0.0	1435.2
12- 1	si	6	Tz	237.7	1.3	0.0	237.7
7- 2	si	9	Ty	229.2	0.0	2.1	229.2

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	18866.4	-246.4	0.0	31838.0	1.2	-1.6
12- 1	4068.9	1626.8	0.0	7372.8	14.7	-10.5
7- 2	3325.9	48.5	0.0	5821.6	-0.1	-17.0

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si|	3|	Sx	Si|	1436.3|	0.0|	0.0|	1436.3|	
| 12- 1|	|si|	6|	Tz	|	241.8|	1.5|	0.0|	241.8|	
| 7- 2|	|si|	9|	Ty	|	229.2|	0.0|	3.3|	229.2|	
									PROGR. 193.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	18752.0|	-276.0|	0.0|	31838.0|	1.2|	-7.9|			
| 12- 1|	3758.5|	1272.0|	0.0|	7372.8|	14.7|	-15.3|			
| 7- 2|	2841.1|	50.1|	0.0|	5821.6|	-0.1|	-23.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si|	3|	Sx	Si|	1436.0|	0.0|	0.0|	1436.0|	
| 12- 1|	|si|	6|	Tz	|	246.9|	1.7|	0.0|	246.9|	
| 7- 2|	|si|	9|	Ty	|	229.2|	0.0|	4.6|	229.3|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
P_HEA120_S011 (11) stato limite ultimo - ASTA (610- 613) 965									
									PROGR. 0.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	15628.1|	-459.7|	0.0|	33777.0|	-1.1|	44.4|			
| 5- 1|	15631.6|	-253.1|	0.0|	33781.5|	-0.2|	44.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx	Si|	1487.8|	0.0|	0.0|	1487.8|	
| 6- 1|	|si|	6|	Tz	|	1185.6|	-1.8|	0.0|	1185.6|	
| 5- 1|	|si|	9|	Ty	|	1329.2|	0.0|	-8.8|	1329.3|	
									PROGR. 24.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	16623.6|	-432.7|	0.0|	33777.0|	-1.1|	38.1|			
| 5- 1|	16628.4|	-248.3|	0.0|	33781.5|	-0.2|	38.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx	Si|	1496.5|	0.0|	0.0|	1496.5|	
| 6- 1|	|si|	6|	Tz	|	1176.0|	-1.6|	0.0|	1176.1|	
| 5- 1|	|si|	9|	Ty	|	1329.2|	0.0|	-7.5|	1329.2|	
									PROGR. 48.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	17468.8|	-405.7|	0.0|	33777.0|	-1.1|	31.9|			
| 5- 1|	17474.9|	-243.6|	0.0|	33781.5|	-0.2|	32.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx	Si|	1503.7|	0.0|	0.0|	1503.7|	
| 6- 1|	|si|	6|	Tz	|	1167.9|	-1.3|	0.0|	1168.0|	
| 5- 1|	|si|	9|	Ty	|	1329.2|	0.0|	-6.3|	1329.2|	
									PROGR. 72.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	18163.7|	-378.7|	0.0|	33777.0|	-1.1|	25.7|			
| 5- 1|	18171.2|	-238.8|	0.0|	33781.5|	-0.2|	25.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx	Si|	1509.5|	0.0|	0.0|	1509.5|	
| 6- 1|	|si|	6|	Tz	|	1161.3|	-1.1|	0.0|	1161.3|	
| 5- 1|	|si|	9|	Ty	|	1329.2|	0.0|	-5.1|	1329.2|	
									PROGR. 96.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	18708.3|	-351.7|	0.0|	33777.0|	-1.1|	19.5|			
| 12- 1|	4386.8|	1686.7|	0.0|	7587.4|	9.6|	4.1|			
| 5- 1|	18717.2|	-234.1|	0.0|	33781.5|	-0.2|	19.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx	Si|	1513.9|	0.0|	0.0|	1513.9|	
| 12- 1|	|si|	5|	Tz	|	268.0|	0.9|	0.0|	268.0|	
| 5- 1|	|si|	9|	Ty	|	1329.2|	0.0|	-3.8|	1329.2|	
									PROGR. 121.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	19102.7|	-324.7|	0.0|	33777.0|	-1.1|	13.2|			
| 12-16|	4473.1|	-1559.4|	0.0|	7773.3|	-9.6|	-1.0|			
| 5- 1|	19113.0|	-229.4|	0.0|	33781.5|	-0.2|	13.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx	Si|	1516.9|	0.0|	0.0|	1516.9|	
| 12-16|	|si|	5|	Tz	|	254.2|	-0.7|	0.0|	254.2|	
| 5- 1|	|si|	9|	Ty	|	1329.2|	0.0|	-2.6|	1329.2|	
									PROGR. 145.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	19346.8|	-297.7|	0.0|	33777.0|	-1.1|	7.0|			
| 12-16|	4392.3|	-1327.7|	0.0|	7773.3|	-9.6|	-5.7|			
| 7- 2|	3997.2|	5.4|	0.0|	6987.9|	-0.3|	-9.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx	Si|	1518.5|	0.0|	0.0|	1518.5|	
| 12-16|	|si|	5|	Tz	|	256.4|	-0.9|	0.0|	256.4|	
| 7- 2|	|si|	9|	Ty	|	275.0|	0.0|	1.9|	275.0|	
									PROGR. 169.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	19440.7|	-270.6|	0.0|	33777.0|	-1.1|	0.8|			
| 12-16|	4195.9|	-1096.1|	0.0|	7773.3|	-9.6|	-10.5|			
7- 2	3694.8	12.1	0.0	6987.9	-0.3	-15.6			

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | 1518.7| 0.0| 0.0| 1518.7|
| 12-16|si| 5| Tz | 259.7| -1.1| 0.0| 259.7|
| 7- 2|si| 9| Ty | 275.0| 0.0| 3.1| 275.1|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 19384.2| -243.6| 0.0| 33777.0| -1.1| -5.5|
| 12-16| 3884.0| -864.5| 0.0| 7773.3| -9.6| -15.3|
| 7- 2| 3242.2| 18.7| 0.0| 6987.9| -0.3| -21.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | 1517.4| 0.0| 0.0| 1517.4|
| 12-16|si| 5| Tz | 264.1| -1.3| 0.0| 264.1|
| 7- 2|si| 9| Ty | 275.0| 0.0| 4.3| 275.1|
-----
VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 612- 615) 967
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18752.0| -276.0| 0.0| 25298.4| 1.2| 12.0|
| 12-16| 3662.8| -1396.6| 0.0| 5735.7| -13.4| 18.5|
| 8- 2| 2912.9| 63.6| 0.0| 4901.7| 1.6| 24.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 1178.7| 0.0| 0.0| 1178.7|
| 12-16|si| 6| Tz | 200.1| -1.7| 0.0| 200.2|
| 8- 2|si| 9| Ty | 193.0| 0.0| -4.9| 193.2|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18965.2| -305.6| 0.0| 25298.4| 1.2| 5.7|
| 12-16| 4050.6| -1073.6| 0.0| 5735.7| -13.4| 13.7|
| 8- 2| 3438.4| 25.9| 0.0| 4901.7| 1.6| 18.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 1181.4| 0.0| 0.0| 1181.4|
| 12-16|si| 6| Tz | 194.5| -1.5| 0.0| 194.5|
| 8- 2|si| 9| Ty | 192.9| 0.0| -3.7| 193.0|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19028.1| -335.1| 0.0| 25298.4| 1.2| -0.5|
| 12-16| 4322.7| -750.7| 0.0| 5735.7| -13.4| 8.9|
| 8- 2| 3813.6| -11.7| 0.0| 4901.7| 1.6| 12.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 1182.8| 0.0| 0.0| 1182.8|
| 12-16|si| 6| Tz | 189.9| -1.3| 0.0| 189.9|
| 8- 2|si| 9| Ty | 192.9| 0.0| -2.5| 192.9|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18940.7| -364.7| 0.0| 25298.4| 1.2| -6.7|
| 12-16| 4479.3| -427.7| 0.0| 5735.7| -13.4| 4.1|
| 6- 1| 18895.0| -302.1| 0.0| 25243.6| 0.2| -6.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 1182.8| 0.0| 0.0| 1182.8|
| 12-16|si| 6| Tz | 186.4| -1.1| 0.0| 186.4|
| 6- 1|si| 9| Ty | 993.1| 0.0| 1.3| 993.1|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18703.1| -394.2| 0.0| 25298.4| 1.2| -13.0|
| 12- 1| 4457.8| -78.2| 0.0| 5884.8| 14.0| -2.3|
| 6- 1| 18656.5| -308.1| 0.0| 25243.6| 0.2| -13.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 1181.3| 0.0| 0.0| 1181.3|
| 12- 1|si| 6| Tz | 190.3| 1.1| 0.0| 190.3|
| 6- 1|si| 9| Ty | 993.1| 0.0| 2.6| 993.1|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18315.2| -423.8| 0.0| 25298.4| 1.2| -19.2|
| 12- 1| 4343.6| -415.8| 0.0| 5884.8| 14.0| -7.1|
| 6- 1| 18267.7| -314.1| 0.0| 25243.6| 0.2| -19.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 1178.4| 0.0| 0.0| 1178.4|
| 12- 1|si| 6| Tz | 193.5| 1.3| 0.0| 193.5|
| 6- 1|si| 9| Ty | 993.1| 0.0| 3.8| 993.1|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17777.0| -453.4| 0.0| 25298.4| 1.2| -25.4|
| 12- 1| 4113.9| -753.3| 0.0| 5884.8| 14.0| -11.9|
| 6- 1| 17728.7| -320.1| 0.0| 25243.6| 0.2| -25.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 1174.1| 0.0| 0.0| 1174.1|
| 12- 1|si| 6| Tz | 197.7| 1.5| 0.0| 197.7|
| 6- 1|si| 9| Ty | 993.1| 0.0| 5.0| 993.1|
-----
PROGR. 169.

SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	17088.6	-482.9	0.0	25298.4	1.2	-31.7
12- 1|	3768.6|	-1090.9|	0.0|	5884.8|	14.0|	-16.7|
6- 1|	17039.3|	-326.1|	0.0|	25243.6|	0.2|	-31.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		1168.4|	0.0|	0.0|	1168.4|
12- 1|si| 6|	Tz			203.1|	1.7|	0.0|	203.1|
6- 1|si| 9|	Ty			993.1|	0.0|	6.2|	993.2|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	16249.9|	-512.5|	0.0|	25298.4|	1.2|	-37.9|
12- 1|	3307.6|	-1428.4|	0.0|	5884.8|	14.0|	-21.5|
6- 1|	16199.7|	-332.1|	0.0|	25243.6|	0.2|	-37.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		1161.3|	0.0|	0.0|	1161.3|
12- 1|si| 6|	Tz			209.5|	1.9|	0.0|	209.6|
6- 1|si| 9|	Ty			993.1|	0.0|	7.5|	993.2|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEA120_S011 (11) stato limite ultimo - ASTA (613- 616) 968
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	19384.2|	-243.6|	0.0|	27148.2|	-1.1|	8.7|
12-16|	3884.0|	-864.5|	0.0|	6353.9|	-8.9|	17.8|
8- 2|	3266.1|	66.3|	0.0|	5665.3|	1.3|	24.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|	Sx	Si		1256.6|	0.0|	0.0|	1256.6|
12-16|si| 6|	Tz			219.0|	-1.4|	0.0|	219.1|
8- 2|si| 9|	Ty			223.0|	0.0|	-4.7|	223.2|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19533.5|	-210.4|	0.0|	27151.4|	-0.2|	2.5|
12-16|	4255.2|	-650.1|	0.0|	6353.9|	-8.9|	13.0|
8- 2|	3769.3|	35.8|	0.0|	5665.3|	1.3|	17.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		1257.2|	0.0|	0.0|	1257.2|
12-16|si| 6|	Tz			214.2|	-1.2|	0.0|	214.2|
8- 2|si| 9|	Ty			223.0|	0.0|	-3.5|	223.1|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19518.1|	-205.6|	0.0|	27151.4|	-0.2|	-3.8|
12-16|	4510.8|	-435.8|	0.0|	6353.9|	-8.9|	8.2|
8- 2|	4122.2|	5.4|	0.0|	5665.3|	1.3|	11.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		1257.0|	0.0|	0.0|	1257.0|
12-16|si| 6|	Tz			210.5|	-1.0|	0.0|	210.5|
8- 2|si| 9|	Ty			223.0|	0.0|	-2.3|	223.0|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19352.4|	-200.9|	0.0|	27151.4|	-0.2|	-10.0|
12-16|	4650.8|	-221.4|	0.0|	6353.9|	-8.9|	3.4|
6- 1|	19336.3|	-162.6|	0.0|	27148.2|	-1.1|	-10.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		1255.3|	0.0|	0.0|	1255.3|
12-16|si| 6|	Tz			207.8|	-0.8|	0.0|	207.8|
6- 1|si| 9|	Ty			1068.2|	0.0|	2.0|	1068.2|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	19036.5|	-196.1|	0.0|	27151.4|	-0.2|	-16.2|
12- 1|	4495.5|	-100.0|	0.0|	6083.0|	8.9|	-3.0|
6- 1|	19019.8|	-135.6|	0.0|	27148.2|	-1.1|	-16.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		1252.2|	0.0|	0.0|	1252.2|
12- 1|si| 6|	Tz			197.8|	0.8|	0.0|	197.9|
6- 1|si| 9|	Ty			1068.3|	0.0|	3.2|	1068.3|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	18570.2|	-191.4|	0.0|	27151.4|	-0.2|	-22.4|
6- 1|	18553.0|	-108.6|	0.0|	27148.2|	-1.1|	-22.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		1247.7|	0.0|	0.0|	1247.7|
6- 1|si| 5|	Tz			893.7|	-1.0|	0.0|	893.7|
6- 1|si| 9|	Ty			1068.3|	0.0|	4.4|	1068.3|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	17953.8|	-186.7|	0.0|	27151.4|	-0.2|	-28.7|
6- 1|	17935.9|	-81.6|	0.0|	27148.2|	-1.1|	-28.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		1241.8|	0.0|	0.0|	1241.8|
6- 1|si| 5|	Tz			899.6|	-1.2|	0.0|	899.6|
6- 1|si| 9|	Ty			1068.3|	0.0|	5.7|	1068.4|

Copertura area carburante - Relazione di calcolo

-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	17187.0	-181.9	0.0	27151.4	-0.2	-34.9		
| 6- 1 |	17168.6	-54.5	0.0	27148.2	-1.1	-34.9		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 3|Sx	Si	1234.5	0.0	0.0	1234.5		
| 6- 1 |	si| 5| Tz		907.0	-1.5	0.0	907.0		
| 6- 1 |	si| 9| Ty		1068.3	0.0	6.9	1068.4		
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	16270.0	-177.2	0.0	27151.4	-0.2	-41.1		
| 6- 1 |	16251.0	-27.5	0.0	27148.2	-1.1	-41.1		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 3|Sx	Si	1225.8	0.0	0.0	1225.8		
| 6- 1 |	si| 5| Tz		915.8	-1.7	0.0	915.8		
| 6- 1 |	si| 9| Ty		1068.4	0.0	8.1	1068.5		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEA120_S011 (11) stato limite ultimo - ASTA (615- 618)							970	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	16199.7	-332.1	0.0	12945.4	-0.9	-16.2		
| 5- 1 |	16249.9	-512.5	0.0	12597.3	-1.3	-17.2		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si| 3|Sx	Si	670.0	0.0	0.0	670.0		
| 5- 1 |	si| 5| Tz		340.1	-0.8	0.0	340.1		
| 5- 1 |	si| 9| Ty		495.2	0.0	3.4	495.2		
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	15734.8	-311.3	0.0	12945.4	-0.9	-22.4		
| 5- 1 |	15760.6	-480.4	0.0	12597.3	-1.3	-23.4		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si| 3|Sx	Si	665.1	0.0	0.0	665.1		
| 5- 1 |	si| 5| Tz		344.9	-1.0	0.0	344.9		
| 5- 1 |	si| 9| Ty		495.2	0.0	4.6	495.3		
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	15119.7	-290.6	0.0	12945.4	-0.9	-28.6		
| 5- 1 |	15121.1	-448.4	0.0	12597.3	-1.3	-29.6		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si| 3|Sx	Si	658.8	0.0	0.0	658.8		
| 5- 1 |	si| 5| Tz		351.1	-1.3	0.0	351.1		
| 5- 1 |	si| 9| Ty		495.3	0.0	5.8	495.4		
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	14354.2	-269.8	0.0	12945.4	-0.9	-34.8		
| 5- 1 |	14331.3	-416.4	0.0	12597.3	-1.3	-35.9		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si| 3|Sx	Si	651.1	0.0	0.0	651.1		
| 5- 1 |	si| 5| Tz		358.7	-1.5	0.0	358.7		
| 5- 1 |	si| 9| Ty		495.3	0.0	7.1	495.5		
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	13438.5	-249.1	0.0	12945.4	-0.9	-41.1		
| 5- 1 |	13391.2	-384.4	0.0	12597.3	-1.3	-42.1		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si| 3|Sx	Si	642.0	0.0	0.0	642.0		
| 5- 1 |	si| 5| Tz		367.7	-1.8	0.0	367.7		
| 5- 1 |	si| 9| Ty		495.3	0.0	8.3	495.6		
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	12372.5	-228.3	0.0	12945.4	-0.9	-47.3		
| 5- 1 |	12300.9	-352.3	0.0	12597.3	-1.3	-48.3		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si| 3|Sx	Si	631.5	0.0	0.0	631.5		
| 5- 1 |	si| 5| Tz		378.2	-2.0	0.0	378.2		
| 5- 1 |	si| 9| Ty		495.4	0.0	9.5	495.7		
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	11156.3	-207.6	0.0	12945.4	-0.9	-53.5		
| 5- 1 |	11060.3	-320.3	0.0	12597.3	-1.3	-54.5		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si| 3|Sx	Si	619.5	0.0	0.0	619.5		
| 5- 1 |	si| 5| Tz		390.0	-2.3	0.0	390.0		
| 5- 1 |	si| 9| Ty		495.4	0.0	10.8	495.8		
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1 |	9789.8	-186.8	0.0	12945.4	-0.9	-59.8		
| 5- 1 |	9669.4	-288.3	0.0	12597.3	-1.3	-60.8		

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 606.1| 0.0| 0.0| 606.1|
| 5- 1|si| 5| Tz | 403.2| -2.5| 0.0| 403.3|
| 5- 1|si| 9| Ty | 495.4| 0.0| 12.0| 495.9|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 8273.0| -166.0| 0.0| 12945.4| -0.9| -66.0|
| 5- 1| 8128.2| -256.2| 0.0| 12597.3| -1.3| -67.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 591.4| 0.0| 0.0| 591.4|
| 5- 1|si| 5| Tz | 417.9| -2.8| 0.0| 417.9|
| 5- 1|si| 9| Ty | 495.5| 0.0| 13.2| 496.0|
-----
PROGR. 193.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 616- 619) 971
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16270.0| -177.2| 0.0| 14362.4| -0.5| -16.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 722.4| 0.0| 0.0| 722.4|
| 5- 1|si| 5| Tz | 411.5| -0.7| 0.0| 411.5|
| 5- 1|si| 9| Ty | 565.0| 0.0| 3.3| 565.1|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 15772.1| -25.8| 0.0| 14459.4| -0.1| -23.0|
| 5- 1| 15786.9| -166.1| 0.0| 14362.4| -0.5| -23.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 717.7| 0.0| 0.0| 717.7|
| 5- 1|si| 5| Tz | 416.1| -1.0| 0.0| 416.1|
| 5- 1|si| 9| Ty | 565.0| 0.0| 4.6| 565.1|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 15143.0| -24.1| 0.0| 14459.4| -0.1| -29.2|
| 5- 1| 15153.6| -155.0| 0.0| 14362.4| -0.5| -29.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 711.7| 0.0| 0.0| 711.7|
| 5- 1|si| 5| Tz | 422.1| -1.2| 0.0| 422.1|
| 5- 1|si| 9| Ty | 565.1| 0.0| 5.8| 565.1|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 14363.6| -22.4| 0.0| 14459.4| -0.1| -35.4|
| 5- 1| 14369.9| -143.9| 0.0| 14362.4| -0.5| -35.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 704.4| 0.0| 0.0| 704.4|
| 5- 1|si| 5| Tz | 429.5| -1.4| 0.0| 429.5|
| 5- 1|si| 9| Ty | 565.1| 0.0| 7.0| 565.2|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 13433.9| -20.6| 0.0| 14459.4| -0.1| -41.7|
| 5- 1| 13436.0| -132.9| 0.0| 14362.4| -0.5| -41.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 695.6| 0.0| 0.0| 695.6|
| 5- 1|si| 5| Tz | 438.3| -1.7| 0.0| 438.4|
| 5- 1|si| 9| Ty | 565.1| 0.0| 8.2| 565.3|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 12354.0| -18.9| 0.0| 14459.4| -0.1| -47.9|
| 5- 1| 12351.9| -121.8| 0.0| 14362.4| -0.5| -48.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 685.4| 0.0| 0.0| 685.4|
| 5- 1|si| 5| Tz | 448.6| -1.9| 0.0| 448.6|
| 5- 1|si| 9| Ty | 565.1| 0.0| 9.5| 565.3|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 11123.8| -17.2| 0.0| 14459.4| -0.1| -54.1|
| 5- 1| 11117.4| -110.7| 0.0| 14362.4| -0.5| -54.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 673.8| 0.0| 0.0| 673.8|
| 5- 1|si| 5| Tz | 460.2| -2.2| 0.0| 460.3|
| 5- 1|si| 9| Ty | 565.1| 0.0| 10.7| 565.4|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 9743.3| -15.5| 0.0| 14459.4| -0.1| -60.3|
| 5- 1| 9732.7| -99.7| 0.0| 14362.4| -0.5| -60.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 660.8| 0.0| 0.0| 660.8|
| 5- 1|si| 5| Tz | 473.3| -2.4| 0.0| 473.3|
| 5- 1|si| 9| Ty | 565.1| 0.0| 11.9| 565.5|
-----
PROGR. 193.

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Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	8212.5	-13.8	0.0	14459.4	-0.1	-66.6
5- 1	8197.7	-88.6	0.0	14362.4	-0.5	-66.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	646.4	0.0	0.0	646.4
5- 1	si	5	Tz	487.8	-2.7	0.0	487.8	
5- 1	si	9	Ty	565.1	0.0	13.2	565.6	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (570- 600) 1018
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-1839.4	-0.2	72.8
6- 1	0.0	0.0	0.0	-1704.6	-0.1	73.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-72.4	0.0	0.0	72.4
6- 1	si	6	Tz	-67.1	-2.9	0.0	67.3
6- 1	si	9	Ty	-67.1	0.0	-14.4	71.6
5- 1	si	9	Si	-72.4	0.0	-14.3	76.5

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	1680.0	4.3	0.0	-1839.4	-0.2	66.5
6- 1	1687.9	2.8	0.0	-1704.6	-0.1	66.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-88.3	0.0	0.0	88.3
6- 1	si	6	Tz	-82.9	-2.7	0.0	83.1
6- 1	si	9	Ty	-67.1	0.0	-13.2	70.9
5- 1	si	6	Si	-88.2	-2.7	0.0	88.3

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	3209.8	8.6	0.0	-1839.4	-0.2	60.3
6- 1	3225.5	5.6	0.0	-1704.6	-0.1	60.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-102.7	0.0	0.0	102.7
6- 1	si	6	Tz	-97.4	-2.4	0.0	97.5
6- 1	si	9	Ty	-67.1	0.0	-12.0	70.2

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	4589.2	12.9	0.0	-1839.4	-0.2	54.1
6- 1	4612.9	8.4	0.0	-1704.6	-0.1	54.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-115.8	0.0	0.0	115.8
6- 1	si	6	Tz	-110.4	-2.2	0.0	110.5
6- 1	si	9	Ty	-67.1	0.0	-10.7	69.6

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	5818.4	17.2	0.0	-1839.4	-0.2	47.8
6- 1	5849.9	11.3	0.0	-1704.6	-0.1	48.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-127.4	0.0	0.0	127.4
6- 1	si	6	Tz	-122.0	-1.9	0.0	122.1
6- 1	si	9	Ty	-67.1	0.0	-9.5	69.1

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	6897.4	21.4	0.0	-1839.4	-0.2	41.6
6- 1	6936.8	14.1	0.0	-1704.6	-0.1	41.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-137.6	0.0	0.0	137.6
6- 1	si	6	Tz	-132.2	-1.7	0.0	132.3
6- 1	si	9	Ty	-67.1	0.0	-8.3	68.6

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	7826.0	25.7	0.0	-1839.4	-0.2	35.4
6- 1	7873.3	16.9	0.0	-1704.6	-0.1	35.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-146.5	0.0	0.0	146.5
6- 1	si	6	Tz	-141.0	-1.4	0.0	141.1
6- 1	si	9	Ty	-67.1	0.0	-7.0	68.2

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	8604.4	30.0	0.0	-1839.4	-0.2	29.2
12- 1	1666.5	2474.3	0.0	-603.8	-14.7	-6.9
6- 1	8659.6	19.7	0.0	-1704.6	-0.1	29.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-153.9	0.0	0.0	153.9
12- 1	si	5	Tz	-23.9	-1.3	0.0	24.0
6- 1	si	9	Ty	-67.1	0.0	-5.8	67.8

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

5- 1	9232.6	34.3	0.0	-1839.4	-0.2	22.9
| 12- 1|	1442.2|	2827.8|	0.0|	-603.8|	-14.7|	-11.7|
| 6- 1|	9295.6|	22.5|	0.0|	-1704.6|	-0.1|	23.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	-159.9|	0.0|	0.0|	159.9|	
| 12- 1|si| 5| Tz |		-19.5|	-1.5|	0.0|	19.7|	
| 6- 1|si| 9| Ty |		-67.1|	0.0|	-4.6|	67.5|	

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -1839.4|Mzeq = 7043.0|Myeq = 25.7|Ss = -170.3 (0.065)

P_HEA120_S011 (11) stato limite ultimo - ASTA (572- 602) 1019
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1290.1|	-1.3|	66.6|
| 5- 1|	0.0|	0.0|	0.0|	-1183.2|	-1.2|	66.7|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-50.8|	0.0|	0.0|	50.8|	
| 6- 1|si| 6| Tz |		-50.8|	-2.7|	0.0|	51.0|	
| 5- 1|si| 9| Ty |		-46.6|	0.0|	-13.1|	51.8|	
| 6- 1|si| 9| Si |		-50.8|	0.0|	-13.1|	55.6|	

 ----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1530.6|	31.1|	0.0|	-1290.1|	-1.3|	60.3|
| 5- 1|	1532.9|	29.2|	0.0|	-1183.2|	-1.2|	60.4|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si |	-65.9|	0.0|	0.0|	65.9|	
| 6- 1|si| 6| Tz |		-65.3|	-2.5|	0.0|	65.5|	
| 5- 1|si| 9| Ty |		-46.5|	0.0|	-11.9|	50.9|	

 ----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	2911.0|	62.2|	0.0|	-1290.1|	-1.3|	54.1|
| 5- 1|	2915.5|	58.4|	0.0|	-1183.2|	-1.2|	54.2|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si |	-79.7|	0.0|	0.0|	79.7|	
| 6- 1|si| 6| Tz |		-78.5|	-2.2|	0.0|	78.6|	
| 5- 1|si| 9| Ty |		-46.5|	0.0|	-10.7|	50.1|	

 ----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	4141.0|	93.3|	0.0|	-1290.1|	-1.3|	47.9|
| 5- 1|	4147.8|	87.6|	0.0|	-1183.2|	-1.2|	48.0|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si |	-92.0|	0.0|	0.0|	92.0|	
| 6- 1|si| 6| Tz |		-90.2|	-2.0|	0.0|	90.3|	
| 5- 1|si| 9| Ty |		-46.5|	0.0|	-9.5|	49.3|	

 ----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	5220.8|	124.5|	0.0|	-1290.1|	-1.3|	41.6|
| 5- 1|	5229.9|	116.8|	0.0|	-1183.2|	-1.2|	41.7|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si |	-103.0|	0.0|	0.0|	103.0|	
| 6- 1|si| 6| Tz |		-100.5|	-1.7|	0.0|	100.6|	
| 5- 1|si| 9| Ty |		-46.4|	0.0|	-8.2|	48.6|	

 ----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	6150.4|	155.6|	0.0|	-1290.1|	-1.3|	35.4|
| 5- 1|	6161.7|	145.9|	0.0|	-1183.2|	-1.2|	35.5|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si |	-112.5|	0.0|	0.0|	112.5|	
| 6- 1|si| 6| Tz |		-109.4|	-1.5|	0.0|	109.5|	
| 5- 1|si| 9| Ty |		-46.4|	0.0|	-7.0|	48.0|	

 ----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	6929.6|	186.7|	0.0|	-1290.1|	-1.3|	29.2|
| 5- 1|	6943.2|	175.1|	0.0|	-1183.2|	-1.2|	29.3|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si |	-120.6|	0.0|	0.0|	120.6|	
| 6- 1|si| 6| Tz |		-116.9|	-1.3|	0.0|	117.0|	
| 5- 1|si| 9| Ty |		-46.4|	0.0|	-5.8|	47.4|	

 ----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	7558.6|	217.8|	0.0|	-1290.1|	-1.3|	23.0|
| 12- 1|	1562.4|	1983.8|	0.0|	-278.5|	-11.7|	-7.5|
| 5- 1|	7574.5|	204.3|	0.0|	-1183.2|	-1.2|	23.1|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
6- 1 si 2 Sx	Si	-127.3	0.0	0.0	127.3	
12- 1 si 5 Tz		-13.2	-1.2	0.0	13.3	

Copertura area carburante - Relazione di calcolo

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| 5- 1|si| 9| Ty | -46.3| 0.0| -4.5| 47.0|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 8037.4| 248.9| 0.0| -1290.1| -1.3| 16.7|
| 12- 1| 1323.2| 2267.2| 0.0| -278.5| -11.7| -12.3|
| 7- 2| 676.0| -85.7| 0.0| -630.2| 0.4| -21.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx Si| -132.6| 0.0| 0.0| 132.6|
| 12- 1|si| 5| Tz | -9.1| -1.4| 0.0| 9.4|
| 7- 2|si| 9| Ty | -24.9| 0.0| 4.2| 25.9|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -1290.1|Mzeq = 6266.2|Myeq = 186.7|Ss = -136.3 ( 0.052)

P_HEAL20_S011 ( 11) stato limite ultimo - ASTA ( 618- 621) 1021
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PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 8128.2| -256.2| 0.0| -3604.6| -1.3| -17.2|
| 12- 1| 1002.9| -921.5| 0.0| -1034.8| -4.8| 14.0|
| 8- 2| 705.8| -118.8| 0.0| -1012.5| -0.6| 21.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -224.8| 0.0| 0.0| 224.8|
| 12- 1|si| 6| Tz | -44.3| -0.9| 0.0| 44.4|
| 8- 2|si| 9| Ty | -40.0| 0.0| -4.2| 40.6|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 7638.2| -224.2| 0.0| -3604.6| -1.3| -23.4|
| 6- 1| 7764.8| -145.3| 0.0| -3148.1| -0.9| -24.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -219.3| 0.0| 0.0| 219.3|
| 5- 1|si| 5| Tz | -214.9| -1.0| 0.0| 214.9|
| 6- 1|si| 9| Ty | -124.0| 0.0| 4.8| 124.3|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 6997.8| -192.2| 0.0| -3604.6| -1.3| -29.7|
| 6- 1| 7106.3| -124.5| 0.0| -3148.1| -0.9| -30.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -212.5| 0.0| 0.0| 212.5|
| 5- 1|si| 5| Tz | -208.7| -1.3| 0.0| 208.7|
| 6- 1|si| 9| Ty | -124.0| 0.0| 6.0| 124.5|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 6207.2| -160.1| 0.0| -3604.6| -1.3| -35.9|
| 6- 1| 6297.6| -103.8| 0.0| -3148.1| -0.9| -36.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -204.2| 0.0| 0.0| 204.2|
| 5- 1|si| 5| Tz | -201.1| -1.5| 0.0| 201.1|
| 6- 1|si| 9| Ty | -124.0| 0.0| 7.2| 124.6|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 5266.3| -128.1| 0.0| -3604.6| -1.3| -42.1|
| 6- 1| 5338.6| -83.0| 0.0| -3148.1| -0.9| -42.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -194.6| 0.0| 0.0| 194.6|
| 5- 1|si| 5| Tz | -192.1| -1.8| 0.0| 192.1|
| 6- 1|si| 9| Ty | -124.0| 0.0| 8.5| 124.8|
-----
PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 4175.1| -96.1| 0.0| -3604.6| -1.3| -48.3|
| 6- 1| 4229.4| -62.3| 0.0| -3148.1| -0.9| -49.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -183.5| 0.0| 0.0| 183.5|
| 5- 1|si| 5| Tz | -181.6| -2.0| 0.0| 181.7|
| 6- 1|si| 9| Ty | -124.0| 0.0| 9.7| 125.1|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 2933.7| -64.1| 0.0| -3604.6| -1.3| -54.6|
| 6- 1| 2969.9| -41.5| 0.0| -3148.1| -0.9| -55.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -171.0| 0.0| 0.0| 171.0|
| 5- 1|si| 5| Tz | -169.8| -2.3| 0.0| 169.8|
| 6- 1|si| 9| Ty | -123.9| 0.0| 10.9| 125.4|
-----
PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1542.0| -32.0| 0.0| -3604.6| -1.3| -60.8|
| 6- 1| 1560.1| -20.8| 0.0| -3148.1| -0.9| -61.6|
TENSIONI (Sz= 0.00) :

```


Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	Si	-157.2	0.0	157.2
5-1	|si|	5	Tz		-156.5	-2.5	156.6
6-1	|si|	9	Ty		-123.9	0.0	125.7

193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	|	0.0	0.0	0.0	-3619.6	-1.3
5-1	|	0.0	0.0	0.0	-3604.6	-1.3
6-1	|	0.0	0.0	0.0	-3148.1	-0.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si|	1	Sx	Si	-142.4	0.0	142.4
5-1	|si|	5	Tz		-141.9	-2.8	141.9
6-1	|si|	9	Ty		-123.9	0.0	126.0
7-1	|si|	9	Si		-142.4	0.0	144.0

VERIFICA STABILITA' :

L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr = 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr = 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso 5-1 - Nodo 1 - Asse Y
 Ned = -3604.6|Mzeq = 6325.2|Myeq = -192.2|Ss = -267.4 (0.102)

P_HEA120_S011 (11) stato limite ultimo - ASTA (619- 622) 1022
 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	|	8197.7	-88.6	0.0	-1013.0	-0.5
8-2	|	857.0	-88.6	0.0	-345.4	-0.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	Si	-119.1	0.0	119.1
8-2	|si|	6	Tz		-21.1	-0.8	21.1
8-2	|si|	9	Ty		-13.7	0.0	15.4

24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	|	7699.0	-77.5	0.0	-1013.0	-0.5
6-1	|	7711.9	-12.0	0.0	-895.5	-0.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	Si	-114.1	0.0	114.1
5-1	|si|	5	Tz		-112.6	-1.0	112.6
6-1	|si|	9	Ty		-35.3	0.0	36.2

48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	|	7049.9	-66.4	0.0	-1013.0	-0.5
6-1	|	7061.0	-10.3	0.0	-895.5	-0.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	Si	-107.7	0.0	107.7
5-1	|si|	5	Tz		-106.4	-1.2	106.4
6-1	|si|	9	Ty		-35.3	0.0	36.7

72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	|	6250.6	-55.4	0.0	-1013.0	-0.5
6-1	|	6259.8	-8.6	0.0	-895.5	-0.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	Si	-99.9	0.0	99.9
5-1	|si|	5	Tz		-98.8	-1.5	98.9
6-1	|si|	9	Ty		-35.2	0.0	37.4

96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	|	5301.0	-44.3	0.0	-1013.0	-0.5
6-1	|	5308.4	-6.9	0.0	-895.5	-0.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	Si	-90.7	0.0	90.7
5-1	|si|	5	Tz		-89.9	-1.7	89.9
6-1	|si|	9	Ty		-35.2	0.0	38.1

121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	|	4201.2	-33.2	0.0	-1013.0	-0.5
6-1	|	4206.7	-5.2	0.0	-895.5	-0.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	Si	-80.1	0.0	80.1
5-1	|si|	5	Tz		-79.5	-2.0	79.6
6-1	|si|	9	Ty		-35.2	0.0	39.0

145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	|	2951.0	-22.1	0.0	-1013.0	-0.5
6-1	|	2954.7	-3.4	0.0	-895.5	-0.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	Si	-68.1	0.0	68.1
5-1	|si|	5	Tz		-67.7	-2.2	67.8
6-1	|si|	9	Ty		-35.2	0.0	39.9

169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
------	----	----	----	---	----	----

Copertura area carburante - Relazione di calcolo

```

| 5- 1|      1550.7|    -11.1|      0.0|   -1013.0|     -0.5|    -61.2|
| 6- 1|      1552.5|     -1.7|      0.0|    -895.5|     -0.1|    -61.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si |    -54.7|      0.0|      0.0|    54.7|
| 5- 1|si| 5| Tz |    -54.5|     -2.5|      0.0|    54.6|
| 6- 1|si| 9| Ty |    -35.2|      0.0|     12.1|    41.0|
----- PROGR. 193.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 7- 1| 0.0| 0.0| 0.0| 0.0| -1022.3| -0.4| -62.6|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -1013.0| -0.5| -67.4|
| 6- 1| 0.0| 0.0| 0.0| 0.0| -895.5| -0.1| -67.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx |Si |    -40.2|      0.0|      0.0|    40.2|
| 5- 1|si| 5| Tz |    -39.9|     -2.7|      0.0|    40.1|
| 6- 1|si| 9| Ty |    -35.2|      0.0|     13.3|    42.1|
| 5- 1|si| 9| Si |    -39.9|      0.0|     13.3|    46.0|
----- PROGR. 193.

```

VERIFICA STABILITA` :

```

|L0 = 193. |
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1013.0|Mzeq = 6370.4|Myeq = -66.4|Ss = -118.5 ( 0.045)

```

```

G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 311- 320) 576
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 10658.7| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx |Si | 1109.0| 0.0| 0.0| 1109.0|
----- PROGR. 27.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 219.6| 0.0| 0.0| 10657.6| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx |Si | 1122.9| 0.0| 0.0| 1122.9|
----- PROGR. 53.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 376.4| 0.0| 0.0| 10656.5| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx |Si | 1132.8| 0.0| 0.0| 1132.8|
----- PROGR. 80.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 470.6| 0.0| 0.0| 10655.4| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx |Si | 1138.8| 0.0| 0.0| 1138.8|
----- PROGR. 106.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 501.9| 0.0| 0.0| 10654.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx |Si | 1140.6| 0.0| 0.0| 1140.6|
----- PROGR. 133.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 470.6| 0.0| 0.0| 10653.3| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx |Si | 1138.5| 0.0| 0.0| 1138.5|
----- PROGR. 159.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 376.4| 0.0| 0.0| 10652.2| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx |Si | 1132.4| 0.0| 0.0| 1132.4|
----- PROGR. 186.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 219.6| 0.0| 0.0| 10651.1| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx |Si | 1122.2| 0.0| 0.0| 1122.2|
----- PROGR. 212.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 10650.0| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx |Si | 1108.1| 0.0| 0.0| 1108.1|
----- PROGR. 193.

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 312- 321) 578
----- PROGR. 0.

```

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | 6342.8 |      0.0 |      9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | 659.9 |      0.0 |      0.0 | 659.9 |
----- PROGR. 27.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 219.6 |      0.0 |      0.0 | 6341.7 |      0.0 |      7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si | 673.9 |      0.0 |      0.0 | 673.9 |
----- PROGR. 53.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 376.4 |      0.0 |      0.0 | 6340.7 |      0.0 |      4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si | 683.8 |      0.0 |      0.0 | 683.8 |
----- PROGR. 80.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 470.6 |      0.0 |      0.0 | 6339.6 |      0.0 |      2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si | 689.7 |      0.0 |      0.0 | 689.7 |
----- PROGR. 106.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 501.9 |      0.0 |      0.0 | 6338.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si | 691.6 |      0.0 |      0.0 | 691.6 |
----- PROGR. 133.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 470.6 |      0.0 |      0.0 | 6337.4 |      0.0 |     -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si | 689.5 |      0.0 |      0.0 | 689.5 |
----- PROGR. 159.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 376.4 |      0.0 |      0.0 | 6336.3 |      0.0 |     -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si | 683.4 |      0.0 |      0.0 | 683.4 |
----- PROGR. 186.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 219.6 |      0.0 |      0.0 | 6335.3 |      0.0 |     -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si | 673.2 |      0.0 |      0.0 | 673.2 |
----- PROGR. 212.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | 6334.2 |      0.0 |     -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | 659.0 |      0.0 |      0.0 | 659.0 |
-----
VERIFICA STABILITA` :
|L0 = 212. |
Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa(b)=0.3400 |ki=0.3019 |
Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa(b)=0.3400 |ki=0.5722 |
Caso11- 8 - Nodo 1 - Asse Z
Ned = -894.6 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -368.6 ( 0.141)
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 313- 322) 580
----- PROGR. 0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 9 |      0.0 |      0.0 |      0.0 | 2891.2 |      0.0 |      7.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 9|si| 1|Sx  Si | 300.8 |      0.0 |      0.0 | 300.8 |
----- PROGR. 27.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 9 | 168.9 |      0.0 |      0.0 | 2890.4 |      0.0 |      5.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 9|si| 7|Sx  Si | 311.5 |      0.0 |      0.0 | 311.5 |
----- PROGR. 53.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 9 | 289.6 |      0.0 |      0.0 | 2889.5 |      0.0 |      3.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 9|si| 7|Sx  Si | 319.2 |      0.0 |      0.0 | 319.2 |
----- PROGR. 80.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 9 | 362.0 |      0.0 |      0.0 | 2888.7 |      0.0 |      1.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 9|si| 7|Sx  Si | 323.7 |      0.0 |      0.0 | 323.7 |

```

Copertura area carburante - Relazione di calcolo

```

----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9 | 386.1 | 0.0 | 0.0 | 2887.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si| 7|Sx | Si | 325.2 | 0.0 | 0.0 | 325.2 |
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9 | 362.0 | 0.0 | 0.0 | 2887.0 | 0.0 | -1.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si| 7|Sx | Si | 323.6 | 0.0 | 0.0 | 323.6 |
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9 | 289.6 | 0.0 | 0.0 | 2886.2 | 0.0 | -3.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si| 7|Sx | Si | 318.8 | 0.0 | 0.0 | 318.8 |
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9 | 168.9 | 0.0 | 0.0 | 2885.4 | 0.0 | -5.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si| 7|Sx | Si | 311.0 | 0.0 | 0.0 | 311.0 |
----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9 | 0.0 | 0.0 | 0.0 | 2884.5 | 0.0 | -7.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 9|si| 1|Sx | Si | 300.1 | 0.0 | 0.0 | 300.1 |
-----
VERIFICA STABILITA` :
|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Casol1- 8 - Nodo 1 - Asse Z
Ned = -1832.1|Mzeq = 334.6|Myeq = 0.0|Ss = -698.5 ( 0.267)

G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 322- 315) 582
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | 3534.4 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | Si | 367.7 | 0.0 | 0.0 | 367.7 |
----- PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 219.6 | 0.0 | 0.0 | 3535.5 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si | 381.9 | 0.0 | 0.0 | 381.9 |
----- PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 376.4 | 0.0 | 0.0 | 3536.5 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si | 392.1 | 0.0 | 0.0 | 392.1 |
----- PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 470.6 | 0.0 | 0.0 | 3537.6 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | Si | 398.2 | 0.0 | 0.0 | 398.2 |
----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 501.9 | 0.0 | 0.0 | 3538.7 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | Si | 400.3 | 0.0 | 0.0 | 400.3 |
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 470.6 | 0.0 | 0.0 | 3539.8 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | Si | 398.4 | 0.0 | 0.0 | 398.4 |
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 376.4 | 0.0 | 0.0 | 3540.9 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | Si | 392.5 | 0.0 | 0.0 | 392.5 |
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 219.6 | 0.0 | 0.0 | 3541.9 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
7- 1	|si|12|Sx	382.6	0.0	0.0	382.6

 PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	0.0	0.0	0.0	3543.0	0.0	-9.5

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
7- 1	|si|12|Sx	368.6	0.0	0.0	368.6

VERIFICA STABILITA` :

L0 = 212. |
 Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa(b)=0.3400 |ki=0.3019 |
 Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa(b)=0.3400 |ki=0.5722 |
 Caso11- 9 - Nodo 1 - Asse Z
 Ned = -1815.4 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -692.6 (0.264)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (323- 316) 584

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	7288.9	0.0	9.5

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si| 1|Sx	758.4	0.0	0.0	758.4

 PROGR. 27.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	219.6	0.0	0.0	7289.9	0.0	7.1

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si| 7|Sx	772.5	0.0	0.0	772.5

 PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	376.4	0.0	0.0	7291.0	0.0	4.7

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si| 7|Sx	782.7	0.0	0.0	782.7

 PROGR. 80.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	470.6	0.0	0.0	7292.1	0.0	2.4

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si| 7|Sx	788.8	0.0	0.0	788.8

 PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	501.9	0.0	0.0	7293.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si| 7|Sx	790.9	0.0	0.0	790.9

 PROGR. 133.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	470.6	0.0	0.0	7294.3	0.0	-2.4

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si| 7|Sx	789.0	0.0	0.0	789.0

 PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	376.4	0.0	0.0	7295.3	0.0	-4.7

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si|12|Sx	783.1	0.0	0.0	783.1

 PROGR. 186.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	219.6	0.0	0.0	7296.4	0.0	-7.1

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si|12|Sx	773.2	0.0	0.0	773.2

 PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	7297.5	0.0	-9.5

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5- 1	|si|12|Sx	759.2	0.0	0.0	759.2

VERIFICA STABILITA` :

L0 = 212. |
 Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa(b)=0.3400 |ki=0.3019 |
 Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa(b)=0.3400 |ki=0.5722 |
 Caso11- 9 - Nodo 1 - Asse Z
 Ned = -896.2 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -369.2 (0.141)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (324- 317) 586

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	11587.8	0.0	9.5

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
------	---------------	----	----	----	----

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 1|Sx	Si	1205.6|	0.0|	0.0|	1205.6|	27.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	11588.9|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1219.8|	0.0|	0.0|	1219.8|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	11590.0|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1230.0|	0.0|	0.0|	1230.0|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	11591.1|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1236.1|	0.0|	0.0|	1236.1|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	11592.1|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1238.2|	0.0|	0.0|	1238.2|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	11593.2|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1236.3|	0.0|	0.0|	1236.3|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	11594.3|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1230.4|	0.0|	0.0|	1230.4|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	11595.4|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 7|Sx	Si	1220.5|	0.0|	0.0|	1220.5|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	11596.5|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 3|Sx	Si	1206.5|	0.0|	0.0|	1206.5|	
----- PROGR.						
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (310- 319)					588
----- PROGR.						0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	14943.8|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx	Si	1554.8|	0.0|	0.0|	1554.8|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	14942.8|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1568.7|	0.0|	0.0|	1568.7|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	14941.7|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1578.7|	0.0|	0.0|	1578.7|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	14940.6|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1584.6|	0.0|	0.0|	1584.6|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	14939.5|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1586.5|	0.0|	0.0|	1586.5|	
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |

Copertura area carburante - Relazione di calcolo

```

| 6- 1|          470.6|          0.0|          0.0| 14938.4|          0.0|          -2.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1584.4|          0.0|          0.0| 1584.4|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          376.4|          0.0|          0.0| 14937.4|          0.0|          -4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1578.2|          0.0|          0.0| 1578.2|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          219.6|          0.0|          0.0| 14936.3|          0.0|          -7.1|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 7|Sx  Si| 1568.1|          0.0|          0.0| 1568.1|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          0.0|          0.0|          0.0| 14935.2|          0.0|          -9.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx  Si| 1553.9|          0.0|          0.0| 1553.9|
-----

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VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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G_2L_50x5_d8 ( 15)          stato limite ultimo - ASTA ( 325- 318) 589
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SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0| 15993.0|          0.0|          9.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 1|Sx  Si| 1663.9|          0.0|          0.0| 1663.9|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          219.6|          0.0|          0.0| 15994.0|          0.0|          7.1|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1678.1|          0.0|          0.0| 1678.1|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          376.4|          0.0|          0.0| 15995.1|          0.0|          4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1688.3|          0.0|          0.0| 1688.3|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          470.6|          0.0|          0.0| 15996.2|          0.0|          2.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1694.4|          0.0|          0.0| 1694.4|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          501.9|          0.0|          0.0| 15997.3|          0.0|          0.0|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1696.5|          0.0|          0.0| 1696.5|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          470.6|          0.0|          0.0| 15998.4|          0.0|          -2.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1694.6|          0.0|          0.0| 1694.6|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          376.4|          0.0|          0.0| 15999.4|          0.0|          -4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1688.7|          0.0|          0.0| 1688.7|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          219.6|          0.0|          0.0| 16000.5|          0.0|          -7.1|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 7|Sx  Si| 1678.8|          0.0|          0.0| 1678.8|
-----

```

```

SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0| 16001.6|          0.0|          -9.5|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 5- 1|si| 3|Sx  Si| 1664.8|          0.0|          0.0| 1664.8|
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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G_2L_50x5_d8 ( 15)          stato limite ultimo - ASTA ( 576- 601) 976
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```

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY	
| 6- 1|	0.0|	0.0|	0.0|	13943.4|	0.0|	9.5|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si |	1450.7|	0.0|	0.0|	1450.7|		
-----							PROGR.
							27.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	219.6|	0.0|	0.0|	13942.3|	0.0|	7.1|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1464.7|	0.0|	0.0|	1464.7|		
-----							PROGR.
							53.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	376.4|	0.0|	0.0|	13941.3|	0.0|	4.7|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1474.6|	0.0|	0.0|	1474.6|		
-----							PROGR.
							80.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	470.6|	0.0|	0.0|	13940.2|	0.0|	2.4|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1480.5|	0.0|	0.0|	1480.5|		
-----							PROGR.
							106.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	501.9|	0.0|	0.0|	13939.1|	0.0|	0.0|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1482.4|	0.0|	0.0|	1482.4|		
-----							PROGR.
							133.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	470.6|	0.0|	0.0|	13938.0|	0.0|	-2.4|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1480.3|	0.0|	0.0|	1480.3|		
-----							PROGR.
							159.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	376.4|	0.0|	0.0|	13937.0|	0.0|	-4.7|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1474.1|	0.0|	0.0|	1474.1|		
-----							PROGR.
							186.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	219.6|	0.0|	0.0|	13935.9|	0.0|	-7.1|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1464.0|	0.0|	0.0|	1464.0|		
-----							PROGR.
							212.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	13934.8|	0.0|	-9.5|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si |	1449.8|	0.0|	0.0|	1449.8|		
-----							PROGR.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (577- 603)					977	
-----						PROGR.	0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	12376.0|	0.0|	9.5|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si |	1287.6|	0.0|	0.0|	1287.6|		
-----							PROGR.
							27.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	219.6|	0.0|	0.0|	12375.0|	0.0|	7.1|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1301.6|	0.0|	0.0|	1301.6|		
-----							PROGR.
							53.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	376.4|	0.0|	0.0|	12373.9|	0.0|	4.7|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1311.5|	0.0|	0.0|	1311.5|		
-----							PROGR.
							80.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	470.6|	0.0|	0.0|	12372.8|	0.0|	2.4|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si |	1317.4|	0.0|	0.0|	1317.4|		
-----							PROGR.
							106.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	501.9|	0.0|	0.0|	12371.7|	0.0|	0.0|	
TENSIONI (Sz=	0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si |						

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 7|Sx	Si|	1319.3|	0.0|	0.0|	1319.3|				
----- PROGR.									
133.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	470.6|	0.0|	0.0|	12370.7|	0.0|	-2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	1317.2|	0.0|	0.0|	1317.2|				
----- PROGR.									
159.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	376.4|	0.0|	0.0|	12369.6|	0.0|	-4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	1311.1|	0.0|	0.0|	1311.1|				
----- PROGR.									
186.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	219.6|	0.0|	0.0|	12368.5|	0.0|	-7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	1300.9|	0.0|	0.0|	1300.9|				
----- PROGR.									
212.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	12367.4|	0.0|	-9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 1|Sx	Si|	1286.7|	0.0|	0.0|	1286.7|				
----- PROGR.									
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (579- 606)							982	
----- PROGR.									
0.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	8435.5|	0.0|	9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 1|Sx	Si|	877.7|	0.0|	0.0|	877.7|				
----- PROGR.									
27.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	219.6|	0.0|	0.0|	8434.4|	0.0|	7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	891.6|	0.0|	0.0|	891.6|				
----- PROGR.									
53.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	376.4|	0.0|	0.0|	8433.3|	0.0|	4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	901.5|	0.0|	0.0|	901.5|				
----- PROGR.									
80.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	470.6|	0.0|	0.0|	8432.3|	0.0|	2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	907.4|	0.0|	0.0|	907.4|				
----- PROGR.									
106.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	501.9|	0.0|	0.0|	8431.2|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	909.3|	0.0|	0.0|	909.3|				
----- PROGR.									
133.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	470.6|	0.0|	0.0|	8430.1|	0.0|	-2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	907.2|	0.0|	0.0|	907.2|				
----- PROGR.									
159.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	376.4|	0.0|	0.0|	8429.0|	0.0|	-4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	901.1|	0.0|	0.0|	901.1|				
----- PROGR.									
186.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	219.6|	0.0|	0.0|	8427.9|	0.0|	-7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 7|Sx	Si|	890.9|	0.0|	0.0|	890.9|				
----- PROGR.									
212.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	8426.9|	0.0|	-9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 1|Sx	Si|	876.8|	0.0|	0.0|	876.8|				
----- PROGR.									
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									

Copertura area carburante - Relazione di calcolo

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (580- 607)						983
----- PROGR.							0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	7340.6|	0.0|	9.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx |	Si|	763.7|	0.0|	0.0|	763.7|		
----- PROGR.							27.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	219.6|	0.0|	0.0|	7339.5|	0.0|	7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	777.7|	0.0|	0.0|	777.7|		
----- PROGR.							53.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	376.4|	0.0|	0.0|	7338.5|	0.0|	4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	787.6|	0.0|	0.0|	787.6|		
----- PROGR.							80.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	470.6|	0.0|	0.0|	7337.4|	0.0|	2.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	793.5|	0.0|	0.0|	793.5|		
----- PROGR.							106.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	501.9|	0.0|	0.0|	7336.3|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	795.4|	0.0|	0.0|	795.4|		
----- PROGR.							133.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	470.6|	0.0|	0.0|	7335.2|	0.0|	-2.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	793.3|	0.0|	0.0|	793.3|		
----- PROGR.							159.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	376.4|	0.0|	0.0|	7334.1|	0.0|	-4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	787.2|	0.0|	0.0|	787.2|		
----- PROGR.							186.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	219.6|	0.0|	0.0|	7333.1|	0.0|	-7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	777.0|	0.0|	0.0|	777.0|		
----- PROGR.							212.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	7332.0|	0.0|	-9.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx |	Si|	762.8|	0.0|	0.0|	762.8|		
----- PROGR.							
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (582- 609)						988
----- PROGR.							0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	3468.6|	0.0|	9.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx |	Si|	360.9|	0.0|	0.0|	360.9|		
----- PROGR.							27.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	219.6|	0.0|	0.0|	3467.6|	0.0|	7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	374.8|	0.0|	0.0|	374.8|		
----- PROGR.							53.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	376.4|	0.0|	0.0|	3466.5|	0.0|	4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	384.8|	0.0|	0.0|	384.8|		
----- PROGR.							80.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	470.6|	0.0|	0.0|	3465.4|	0.0|	2.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx |	Si|	390.7|	0.0|	0.0|	390.7|		
----- PROGR.							106.
SOLLECITAZIONI :							

Copertura area carburante - Relazione di calcolo

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	501.9|	0.0|	0.0|	3464.3|	0.0|	0.0|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 7|Sx |	Si |	392.6|	0.0|	0.0|	392.6|			
-----							PROGR.	133.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	470.6|	0.0|	0.0|	3463.3|	0.0|	-2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 7|Sx |	Si |	390.5|	0.0|	0.0|	390.5|			
-----							PROGR.	159.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	3462.2|	0.0|	-4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 7|Sx |	Si |	384.3|	0.0|	0.0|	384.3|			
-----							PROGR.	186.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	219.6|	0.0|	0.0|	3461.1|	0.0|	-7.1|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 7|Sx |	Si |	374.2|	0.0|	0.0|	374.2|			
-----							PROGR.	212.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	3460.0|	0.0|	-9.5|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx |	Si |	360.0|	0.0|	0.0|	360.0|			

VERIFICA STABILITA`	: asta tesa per tutti i casi di carico.							
G_2L_50x5_d8 (15)	-----						stato limite ultimo - ASTA (583- 610)	989
-----							PROGR.	0.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	2731.4|	0.0|	9.5|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx |	Si |	284.2|	0.0|	0.0|	284.2|			
-----							PROGR.	27.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	219.6|	0.0|	0.0|	2730.3|	0.0|	7.1|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 7|Sx |	Si |	298.1|	0.0|	0.0|	298.1|			
-----							PROGR.	53.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	376.4|	0.0|	0.0|	2729.2|	0.0|	4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 7|Sx |	Si |	308.1|	0.0|	0.0|	308.1|			
-----							PROGR.	80.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	470.6|	0.0|	0.0|	2728.2|	0.0|	2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 7|Sx |	Si |	314.0|	0.0|	0.0|	314.0|			
-----							PROGR.	106.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	501.9|	0.0|	0.0|	2727.1|	0.0|	0.0|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 7|Sx |	Si |	315.9|	0.0|	0.0|	315.9|			
-----							PROGR.	133.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	470.6|	0.0|	0.0|	2726.0|	0.0|	-2.4|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 7|Sx |	Si |	313.8|	0.0|	0.0|	313.8|			
-----							PROGR.	159.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	376.4|	0.0|	0.0|	2724.9|	0.0|	-4.7|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 7|Sx |	Si |	307.6|	0.0|	0.0|	307.6|			
-----							PROGR.	186.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	219.6|	0.0|	0.0|	2723.8|	0.0|	-7.1|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 7|Sx |	Si |	297.5|	0.0|	0.0|	297.5|			
-----							PROGR.	212.
SOLLECITAZIONI	:							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	2722.8|	0.0|	-9.5|		
TENSIONI (Sz=	0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 1|Sx |	Si |							

Copertura area carburante - Relazione di calcolo

5- 1 si 1 Sx	Si	283.3	0.0	0.0	283.3
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 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo	- ASTA (609- 588)	994
		PROGR.	0.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	0.0|	0.0|	0.0|	2245.5|	0.0|	9.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	Si	233.6|	0.0|	0.0|	233.6|		
					PROGR.		27.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	219.6|	0.0|	0.0|	2246.6|	0.0|	7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 7|Sx	Si	247.8|	0.0|	0.0|	247.8|		
					PROGR.		53.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	376.4|	0.0|	0.0|	2247.7|	0.0|	4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 7|Sx	Si	258.0|	0.0|	0.0|	258.0|		
					PROGR.		80.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	470.6|	0.0|	0.0|	2248.7|	0.0|	2.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 7|Sx	Si	264.1|	0.0|	0.0|	264.1|		
					PROGR.		106.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	501.9|	0.0|	0.0|	2249.8|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si|12|Sx	Si	266.2|	0.0|	0.0|	266.2|		
					PROGR.		133.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	470.6|	0.0|	0.0|	2250.9|	0.0|	-2.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si|12|Sx	Si	264.3|	0.0|	0.0|	264.3|		
					PROGR.		159.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	376.4|	0.0|	0.0|	2252.0|	0.0|	-4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si|12|Sx	Si	258.4|	0.0|	0.0|	258.4|		
					PROGR.		186.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	219.6|	0.0|	0.0|	2253.1|	0.0|	-7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si|12|Sx	Si	248.5|	0.0|	0.0|	248.5|		
					PROGR.		212.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	0.0|	0.0|	0.0|	2254.1|	0.0|	-9.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si|12|Sx	Si	234.5|	0.0|	0.0|	234.5|		

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo	- ASTA (610- 589)	995
		PROGR.	0.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	2667.9|	0.0|	9.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 1|Sx	Si	277.6|	0.0|	0.0|	277.6|		
					PROGR.		27.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	219.6|	0.0|	0.0|	2668.9|	0.0|	7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si	291.7|	0.0|	0.0|	291.7|		
					PROGR.		53.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	376.4|	0.0|	0.0|	2670.0|	0.0|	4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 7|Sx	Si	301.9|	0.0|	0.0|	301.9|		
					PROGR.		80.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	470.6|	0.0|	0.0|	2671.1|	0.0|	2.4|	
TENSIONI (Sz= 0.00) :							

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 7|Sx	Si| 308.0|	0.0|	0.0|	308.0|		
-----							PROGR. 106.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	501.9|	0.0|	0.0|	2672.2|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|12|Sx	Si| 310.2|	0.0|	0.0|	310.2|		
-----							PROGR. 133.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	470.6|	0.0|	0.0|	2673.3|	0.0|	-2.4|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|12|Sx	Si| 308.3|	0.0|	0.0|	308.3|		
-----							PROGR. 159.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	376.4|	0.0|	0.0|	2674.3|	0.0|	-4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|12|Sx	Si| 302.4|	0.0|	0.0|	302.4|		
-----							PROGR. 186.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	219.6|	0.0|	0.0|	2675.4|	0.0|	-7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|12|Sx	Si| 292.4|	0.0|	0.0|	292.4|		
-----							PROGR. 212.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	0.0|	0.0|	0.0|	2676.5|	0.0|	-9.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|12|Sx	Si| 278.5|	0.0|	0.0|	278.5|		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (612- 591) 1000							
-----							PROGR. 0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	0.0|	0.0|	0.0|	7183.0|	0.0|	9.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 1|Sx	Si| 747.3|	0.0|	0.0|	747.3|		
-----							PROGR. 27.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	219.6|	0.0|	0.0|	7184.1|	0.0|	7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 7|Sx	Si| 761.5|	0.0|	0.0|	761.5|		
-----							PROGR. 53.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	376.4|	0.0|	0.0|	7185.1|	0.0|	4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 7|Sx	Si| 771.7|	0.0|	0.0|	771.7|		
-----							PROGR. 80.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	470.6|	0.0|	0.0|	7186.2|	0.0|	2.4|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 7|Sx	Si| 777.8|	0.0|	0.0|	777.8|		
-----							PROGR. 106.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	501.9|	0.0|	0.0|	7187.3|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 7|Sx	Si| 779.9|	0.0|	0.0|	779.9|		
-----							PROGR. 133.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	470.6|	0.0|	0.0|	7188.4|	0.0|	-2.4|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 7|Sx	Si| 778.0|	0.0|	0.0|	778.0|		
-----							PROGR. 159.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	376.4|	0.0|	0.0|	7189.5|	0.0|	-4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si|12|Sx	Si| 772.1|	0.0|	0.0|	772.1|		
-----							PROGR. 186.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	219.6|	0.0|	0.0|	7190.5|	0.0|	-7.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si|12|Sx	Si| 762.2|	0.0|	0.0|	762.2|		
-----							PROGR. 212.
SOLLECITAZIONI :							

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	470.6 |	0.0 |	0.0 |	12607.7 |	0.0 |	2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1341.9 |	0.0 |	0.0 |	1341.9 |	
							106.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	501.9 |	0.0 |	0.0 |	12608.8 |	0.0 |	0.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1344.0 |	0.0 |	0.0 |	1344.0 |	
							133.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	470.6 |	0.0 |	0.0 |	12609.8 |	0.0 |	-2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1342.1 |	0.0 |	0.0 |	1342.1 |	
							159.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	376.4 |	0.0 |	0.0 |	12610.9 |	0.0 |	-4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1336.2 |	0.0 |	0.0 |	1336.2 |	
							186.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	219.6 |	0.0 |	0.0 |	12612.0 |	0.0 |	-7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1326.2 |	0.0 |	0.0 |	1326.2 |	
							212.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	0.0 |	0.0 |	0.0 |	12613.1 |	0.0 |	-9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 3|Sx |	Si |	1312.3 |	0.0 |	0.0 |	1312.3 |	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (616- 595) 1007							
							0.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	0.0 |	0.0 |	0.0 |	12329.3 |	0.0 |	9.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 1|Sx |	Si |	1282.8 |	0.0 |	0.0 |	1282.8 |	
							27.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	219.6 |	0.0 |	0.0 |	12330.4 |	0.0 |	7.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1297.0 |	0.0 |	0.0 |	1297.0 |	
							53.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	376.4 |	0.0 |	0.0 |	12331.5 |	0.0 |	4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1307.1 |	0.0 |	0.0 |	1307.1 |	
							80.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	470.6 |	0.0 |	0.0 |	12332.6 |	0.0 |	2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1313.2 |	0.0 |	0.0 |	1313.2 |	
							106.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	501.9 |	0.0 |	0.0 |	12333.7 |	0.0 |	0.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1315.4 |	0.0 |	0.0 |	1315.4 |	
							133.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	470.6 |	0.0 |	0.0 |	12334.7 |	0.0 |	-2.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1313.5 |	0.0 |	0.0 |	1313.5 |	
							159.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	376.4 |	0.0 |	0.0 |	12335.8 |	0.0 |	-4.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1 |	|si| 7|Sx |	Si |	1307.6 |	0.0 |	0.0 |	1307.6 |	
							186.

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	219.6 |	0.0 |	0.0 |	12336.9 |	0.0 |	-7.1 |	
TENSIONI (Sz= 0.00) :							

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	7	Sx	Si	1297.6	0.0	0.0	1297.6

----- PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	12338.0	0.0	-9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	1283.7	0.0	0.0	1283.7

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) ----- stato limite ultimo - ASTA (571- 600) 1012
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	18997.3	0.0	9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	1976.5	0.0	0.0	1976.5

----- PROGR. 27.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	219.6	0.0	0.0	18996.2	0.0	7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	7	Sx	Si	1990.5	0.0	0.0	1990.5

----- PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	376.4	0.0	0.0	18995.1	0.0	4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	7	Sx	Si	2000.4	0.0	0.0	2000.4

----- PROGR. 80.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	470.6	0.0	0.0	18994.1	0.0	2.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	7	Sx	Si	2006.3	0.0	0.0	2006.3

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	501.9	0.0	0.0	18993.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	7	Sx	Si	2008.2	0.0	0.0	2008.2

----- PROGR. 133.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	470.6	0.0	0.0	18991.9	0.0	-2.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	7	Sx	Si	2006.1	0.0	0.0	2006.1

----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	376.4	0.0	0.0	18990.8	0.0	-4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	7	Sx	Si	2000.0	0.0	0.0	2000.0

----- PROGR. 186.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	219.6	0.0	0.0	18989.7	0.0	-7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	7	Sx	Si	1989.8	0.0	0.0	1989.8

----- PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	18988.7	0.0	-9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	1975.6	0.0	0.0	1975.6

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) ----- stato limite ultimo - ASTA (573- 602) 1013
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	16941.8	0.0	9.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	1762.7	0.0	0.0	1762.7

----- PROGR. 27.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	219.6	0.0	0.0	16940.7	0.0	7.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	7	Sx	Si	1776.6	0.0	0.0	1776.6

----- PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	376.4	0.0	0.0	16939.6	0.0	4.7

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 7|	Sx	Si	1786.5|	0.0|	0.0|	1786.5|		
-----								PROGR.	80.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	470.6|	0.0|	0.0|	16938.5|	0.0|	2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 7|	Sx	Si	1792.5|	0.0|	0.0|	1792.5|		
-----								PROGR.	106.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	501.9|	0.0|	0.0|	16937.5|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 7|	Sx	Si	1794.4|	0.0|	0.0|	1794.4|		
-----								PROGR.	133.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	470.6|	0.0|	0.0|	16936.4|	0.0|	-2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 7|	Sx	Si	1792.2|	0.0|	0.0|	1792.2|		
-----								PROGR.	159.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	376.4|	0.0|	0.0|	16935.3|	0.0|	-4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 7|	Sx	Si	1786.1|	0.0|	0.0|	1786.1|		
-----								PROGR.	186.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	219.6|	0.0|	0.0|	16934.2|	0.0|	-7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 7|	Sx	Si	1775.9|	0.0|	0.0|	1775.9|		
-----								PROGR.	212.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	16933.1|	0.0|	-9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 6- 1|	|si| 1|	Sx	Si	1761.8|	0.0|	0.0|	1761.8|		
-----								PROGR.	
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (618- 597) 1015									
-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	0.0|	0.0|	0.0|	17802.3|	0.0|	9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 1|	Sx	Si	1852.2|	0.0|	0.0|	1852.2|		
-----								PROGR.	27.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	219.6|	0.0|	0.0|	17803.4|	0.0|	7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 7|	Sx	Si	1866.4|	0.0|	0.0|	1866.4|		
-----								PROGR.	53.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	376.4|	0.0|	0.0|	17804.5|	0.0|	4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 7|	Sx	Si	1876.5|	0.0|	0.0|	1876.5|		
-----								PROGR.	80.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	470.6|	0.0|	0.0|	17805.5|	0.0|	2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 7|	Sx	Si	1882.7|	0.0|	0.0|	1882.7|		
-----								PROGR.	106.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	501.9|	0.0|	0.0|	17806.6|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 7|	Sx	Si	1884.8|	0.0|	0.0|	1884.8|		
-----								PROGR.	133.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	470.6|	0.0|	0.0|	17807.7|	0.0|	-2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 7|	Sx	Si	1882.9|	0.0|	0.0|	1882.9|		
-----								PROGR.	159.
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	376.4|	0.0|	0.0|	17808.8|	0.0|	-4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |			
| 5- 1|	|si| 7|	Sx	Si	1877.0|	0.0|	0.0|	1877.0|		
-----								PROGR.	186.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 17809.8 | 0.0 | -7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1867.0 | 0.0 | 0.0 | 1867.0 |
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 17810.9 | 0.0 | -9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 6|Sx | Si | 1853.1 | 0.0 | 0.0 | 1853.1 |

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (619- 598) 1016
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 16893.9 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx | Si | 1757.7 | 0.0 | 0.0 | 1757.7 |
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 16895.0 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1771.9 | 0.0 | 0.0 | 1771.9 |
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 16896.1 | 0.0 | 4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1782.0 | 0.0 | 0.0 | 1782.0 |
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 16897.2 | 0.0 | 2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1788.2 | 0.0 | 0.0 | 1788.2 |
 ----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 501.9 | 0.0 | 0.0 | 16898.3 | 0.0 | 0.0 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1790.3 | 0.0 | 0.0 | 1790.3 |
 ----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 16899.3 | 0.0 | -2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1788.4 | 0.0 | 0.0 | 1788.4 |
 ----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 16900.4 | 0.0 | -4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1782.5 | 0.0 | 0.0 | 1782.5 |
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 16901.5 | 0.0 | -7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx | Si | 1772.5 | 0.0 | 0.0 | 1772.5 |
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 16902.6 | 0.0 | -9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 6|Sx | Si | 1758.6 | 0.0 | 0.0 | 1758.6 |

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

VERIFICA ELEMENTI IN ACCIAIO

lavoro : MUSST4

Unità di misura:

Lunghezze: cm

Prop.Sez.: cm

Forze: daN

Momenti: daNcm

Tensioni: daN/cm2

MATERIALI

S275 (EN 10025-2): Mod.El.= 2100000.0; gM = 1.050;

Fyk = 2750.0(2550.0 per sp>40 mm); fyd = 2619.0(2428.6 per sp>40 mm).

Copertura area carburante - Relazione di calcolo

CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	2
4	SLU VENTOX 1	2
5	SLU VENTOX 2	2
6	SLU VENTOX 2	2
7	SLU VENTOX 3	2
8	SLU VENTOX 3	2
11	SLU con SISMAX PRINC	16
12	SLU con SISMAX PRINC	16

CARATTERISTICHE GEOMETRICHE

P_HEB140_S006 (6) :
 A = 43.0302E+00 Jz= 1.5114E+03 Jy=549.7222E+00 Jt= 16.5832E+00

P_IPE80_S008 (8) :
 A = 7.6563E+00 Jz= 80.2777E+00 Jy= 8.4911E+00 Jt=527.6360E-03

P_HEA120_S011 (11) :
 A = 25.4102E+00 Jz=607.6354E+00 Jy=230.9414E+00 Jt= 4.3320E+00

G_2L_50x5_d8 (15) :
 A = 9.6115E+00 Jz= 21.8931E+00 Jy= 53.1028E+00 Jt= 1.0000E+00

P_HEB140_S006 (6) stato limite ultimo - ASTA (2- 4) 10
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 6	0.0	0.0	0.0	-6221.1	6.2	94.8	
8- 1	0.0	0.0	0.0	-2339.3	86.8	87.8	
7- 1	0.0	0.0	0.0	-5261.9	-16.3	115.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-144.6	0.0	0.0	144.6
8- 1	si	5	Tz	-54.4	5.7	0.0	55.3
7- 1	si	9	Ty	-122.3	0.0	-13.4	124.5
11- 6	si	9	Si	-144.6	0.0	-11.0	145.8

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 6	2145.8	-149.1	0.0	-6221.1	6.2	83.1	
8- 1	1924.0	-1766.1	0.0	-2339.3	59.6	71.7	
7- 1	2592.7	392.9	0.0	-5261.9	-16.3	99.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-156.4	0.0	0.0	156.4
8- 1	si	5	Tz	-68.3	4.2	0.0	68.6
7- 1	si	9	Ty	-122.0	0.0	-11.6	123.7

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 7	4108.3	1077.2	0.0	-5812.5	-22.3	73.4	
12-10	2739.8	2512.4	0.0	-1789.4	-52.1	45.0	
7- 1	4799.0	785.8	0.0	-5261.9	-16.3	83.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 7	si	2	Sx	-167.8	0.0	0.0	167.8
12-10	si	6	Tz	-61.4	-3.2	0.0	61.6
7- 1	si	9	Ty	-121.8	0.0	-9.7	122.9

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 7	5736.7	1615.8	0.0	-5812.5	-22.3	61.6	
12-10	3684.0	3768.6	0.0	-1789.4	-52.1	33.3	
7- 1	6618.9	1178.7	0.0	-5261.9	-16.3	67.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 7	si	2	Sx	-182.2	0.0	0.0	182.2
12-10	si	6	Tz	-69.3	-3.0	0.0	69.5
7- 1	si	9	Ty	-121.5	0.0	-7.8	122.3

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 7	7081.5	2154.4	0.0	-5812.5	-22.3	49.9	
12-10	4344.5	5024.8	0.0	-1789.4	-52.1	21.5	
7- 1	8052.5	1571.6	0.0	-5261.9	-16.3	51.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 7	si	2	Sx	-195.3	0.0	0.0	195.3
12-10	si	6	Tz	-75.9	-2.7	0.0	76.0
7- 1	si	9	Ty	-121.3	0.0	-6.0	121.7

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 7	8142.4	2693.0	0.0	-5812.5	-22.3	38.1	
12- 7	700.0	-5543.0	0.0	-111.8	46.0	-23.6	
7- 2	-1479.5	96.3	0.0	3613.8	-0.8	-52.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 7	si	2	Sx	-207.1	0.0	0.0	207.1
12- 7	si	6	Tz	9.8	2.5	0.0	10.7
7- 2	si	9	Ty	84.0	0.0	6.1	84.7

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 7	8919.6	3231.7	0.0	-5812.5	-22.3	26.3	
8- 2	1077.4	3247.8	0.0	691.2	59.0	-40.6	

Copertura area carburante - Relazione di calcolo

| 7- 2|	-2934.5|	115.6|	0.0|	3613.8|	-0.8|	-68.3|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 11- 7|	|si| 2|	|Sx Si|	-217.5|	0.0|	0.0|	217.5|
| 8- 2|	|si| 6|	Tz |	1.9|	3.4|	0.0|	6.3|
| 7- 2|	|si| 9|	Ty |	84.1|	0.0|	7.9|	85.2|

PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	9413.1|	3770.3|	0.0|	-5812.5|	-22.3|	14.6|
| 8- 2|	-95.3|	1497.5|	0.0|	691.2|	86.1|	-56.6|
| 7- 2|	-4775.8|	134.9|	0.0|	3613.8|	-0.8|	-84.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 11- 7|	|si| 2|	|Sx Si|	-226.7|	0.0|	0.0|	226.7|
| 8- 2|	|si| 6|	Tz |	12.3|	5.0|	0.0|	15.0|
| 7- 2|	|si| 9|	Ty |	84.1|	0.0|	9.8|	85.8|

PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	9622.7|	4308.9|	0.0|	-5812.5|	-22.3|	2.8|
| 8- 2|	-1654.3|	-907.7|	0.0|	691.2|	113.3|	-72.6|
| 7- 2|	-7003.5|	154.1|	0.0|	3613.8|	-0.8|	-100.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 11- 7|	|si| 2|	|Sx Si|	-234.5|	0.0|	0.0|	234.5|
| 8- 2|	|si| 6|	Tz |	26.3|	6.5|	0.0|	28.6|
| 7- 2|	|si| 9|	Ty |	84.1|	0.0|	11.7|	86.5|

VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso11- 7 - Nodo 2 - Asse Y
 Ned = -5812.5|Mezq = 8222.2|Myeq = 3231.7|Ss = -255.2 (0.097)

P_HEB140_S006 (6) stato limite ultimo - ASTA (4- 6) 13

 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	9944.3|	3143.2|	0.0|	-10508.3|	8.7|	81.1|
| 12- 8|	-1402.5|	-9212.1|	0.0|	-3486.6|	-103.4|	65.6|
| 5- 2|	-1440.6|	1184.8|	0.0|	-4114.7|	-1.0|	99.4|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 7- 1|	|si| 2|	|Sx Si|	-330.3|	0.0|	0.0|	330.3|
| 12- 8|	|si| 6|	Tz |	-48.6|	-5.9|	0.0|	49.6|
| 5- 2|	|si| 9|	Ty |	-94.9|	0.0|	-11.5|	97.0|

PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	11708.5|	2932.5|	0.0|	-10508.3|	8.7|	65.1|
| 12- 8|	38.1|	-6718.4|	0.0|	-3486.6|	-103.4|	53.8|
| 5- 2|	763.7|	1209.5|	0.0|	-4114.7|	-1.0|	83.4|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 7- 1|	|si| 2|	|Sx Si|	-335.8|	0.0|	0.0|	335.8|
| 12- 8|	|si| 6|	Tz |	-62.3|	-5.6|	0.0|	63.0|
| 5- 2|	|si| 9|	Ty |	-94.9|	0.0|	-9.7|	96.3|

PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	13086.5|	2721.7|	0.0|	-10508.3|	8.7|	49.1|
| 12- 8|	1195.0|	-4224.8|	0.0|	-3486.6|	-103.4|	42.1|
| 5- 2|	2581.6|	1234.3|	0.0|	-4114.7|	-1.0|	67.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 7- 1|	|si| 2|	|Sx Si|	-339.5|	0.0|	0.0|	339.5|
| 12- 8|	|si| 6|	Tz |	-74.6|	-5.4|	0.0|	75.2|
| 5- 2|	|si| 9|	Ty |	-94.8|	0.0|	-7.8|	95.8|

PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	13446.2|	2605.2|	0.0|	-10595.2|	5.2|	41.2|
| 12- 8|	2068.0|	-1731.1|	0.0|	-3486.6|	-103.4|	30.3|
| 5- 2|	4013.1|	1259.0|	0.0|	-4114.7|	-1.0|	51.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si| 2|	|Sx Si|	-341.7|	0.0|	0.0|	341.7|
| 12- 8|	|si| 6|	Tz |	-85.7|	-5.1|	0.0|	86.2|
| 5- 2|	|si| 9|	Ty |	-94.8|	0.0|	-6.0|	95.4|

PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14247.3|	2480.8|	0.0|	-10595.2|	5.2|	25.2|
| 12- 8|	2657.3|	762.5|	0.0|	-3486.6|	-103.4|	18.5|
| 11-12|	-1606.2|	15.7|	0.0|	145.3|	3.4|	39.4|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si| 2|	|Sx Si|	-343.8|	0.0|	0.0|	343.8|
| 12- 8|	|si| 6|	Tz |	-95.5|	-4.8|	0.0|	95.8|
| 11-12|	|si| 9|	Ty |	3.4|	0.0|	-4.6|	8.6|

PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14662.0|	2356.5|	0.0|	-10595.2|	5.2|	9.2|
| 12- 8|	2962.9|	3256.1|	0.0|	-3486.6|	-103.4|	6.8|
11-12	-798.7	-65.7	0.0	145.3	3.4	27.6

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -344.1| 0.0| 0.0| 344.1|
| 12- 8|si| 6| Tz | | -103.9| -4.5| 0.0| 104.2|
| 11-12|si| 9| Ty | | 3.3| 0.0| -3.2| 6.5|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 14690.3| 2232.1| 0.0| -10595.2| 5.2| -6.8|
| 12- 9| 5983.2| -4645.2| 0.0| -2641.5| 103.9| -16.6|
| 11- 5| 9242.8| 1251.6| 0.0| -6273.3| -2.8| -37.4|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -342.7| 0.0| 0.0| 342.7|
| 12- 9|si| 6| Tz | | -76.0| 4.8| 0.0| 76.5|
| 11- 5|si| 9| Ty | | -145.0| 0.0| 4.3| 145.2|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 14332.3| 2107.8| 0.0| -10595.2| 5.2| -22.8|
| 8- 2| 2981.8| -3505.4| 0.0| -1434.3| 110.4| -28.6|
| 11- 5| 8199.0| 1320.2| 0.0| -6273.3| -2.8| -49.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -339.4| 0.0| 0.0| 339.4|
| 8- 2|si| 6| Tz | | -37.3| 5.3| 0.0| 38.4|
| 11- 5|si| 9| Ty | | -144.9| 0.0| 5.7| 145.3|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 10696.0| 8408.5| 0.0| -8781.4| -130.3| -32.5|
| 8- 2| 2098.1| -6495.6| 0.0| -1434.3| 137.5| -44.6|
| 11- 5| 6871.5| 1388.9| 0.0| -6273.3| -2.8| -60.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 2|Sx | Si | -360.7| 0.0| 0.0| 360.7|
| 8- 2|si| 6| Tz | | -24.7| 6.9| 0.0| 27.4|
| 11- 5|si| 9| Ty | | -144.9| 0.0| 7.1| 145.4|
-----
PROGR. 193.

VERIFICA STABILITA' :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -10595.2|Mzeq = 14690.3|Myeq = 2978.2|Ss = -427.0 ( 0.163)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 6- 8) 14
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 10711.2| 8408.5| 0.0| -10313.9| 185.9| 81.5|
| 6- 1| 12078.0| 6154.3| 0.0| -10927.9| 135.7| 83.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 2|Sx | Si | -396.4| 0.0| 0.0| 396.4|
| 8- 1|si| 5| Tz | | -265.6| 9.8| 0.0| 266.1|
| 6- 1|si| 9| Ty | | -250.0| 0.0| -9.7| 250.6|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 13888.8| 3077.0| 0.0| -10927.9| 119.4| 67.0|
| 8- 1| 12483.9| 4251.5| 0.0| -10313.9| 158.7| 65.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -357.5| 0.0| 0.0| 357.5|
| 8- 1|si| 5| Tz | | -285.5| 8.2| 0.0| 285.9|
| 6- 1|si| 9| Ty | | -252.0| 0.0| -7.8| 252.4|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16614.8| -334.7| 0.0| -11206.5| 48.0| 46.4|
| 8- 1| 13870.2| 749.3| 0.0| -10313.9| 131.6| 49.5|
| 6- 1| 15313.1| 392.6| 0.0| -10927.9| 103.1| 51.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -341.6| 0.0| 0.0| 341.6|
| 8- 1|si| 5| Tz | | -301.8| 6.7| 0.0| 302.0|
| 6- 1|si| 9| Ty | | -253.7| 0.0| -5.9| 253.9|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17540.2| -1493.8| 0.0| -11206.5| 48.0| 30.3|
| 12- 8| 4926.6| 2533.3| 0.0| -5265.8| 113.4| 20.3|
| 6- 1| 16351.2| -1899.0| 0.0| -10927.9| 86.8| 35.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -360.7| 0.0| 0.0| 360.7|
| 12- 8|si| 5| Tz | | -138.0| 5.3| 0.0| 138.4|
| 6- 1|si| 9| Ty | | -255.2| 0.0| -4.1| 255.3|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 17002.9| -3797.7| 0.0| -10927.9| 70.6| 19.0|
| 12- 8| 5274.7| -201.3| 0.0| -5265.8| 113.4| 8.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -381.1| 0.0| 0.0| 381.1|
| 12- 8|si| 5| Tz | | -147.4| 5.0| 0.0| 147.6|

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Copertura area carburante - Relazione di calcolo

6- 1 si 9	Ty	-256.4	0.0	-2.2	256.4				

PROGR. 121.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	17268.2|	-5303.6|	0.0|	-10927.9|	54.3|	3.0|			
| 12- 8|	5339.1|	-2935.8|	0.0|	-5265.8|	113.4|	-3.2|			
| 11- 8|	8338.5|	-376.9|	0.0|	-4664.9|	-8.2|	-21.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-401.5|	0.0|	0.0|	401.5|				
| 12- 8|si| 6|	Tz	-138.8|	4.9|	0.0|	139.1|				
| 11- 8|si| 9|	Ty	-108.6|	0.0|	2.5|	108.7|				

PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	17147.2|	-6416.5|	0.0|	-10927.9|	38.0|	-13.0|			
| 12- 8|	5119.7|	-5670.4|	0.0|	-5265.8|	113.4|	-15.0|			
| 11- 8|	7684.7|	-178.5|	0.0|	-4664.9|	-8.2|	-33.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-415.1|	0.0|	0.0|	415.1|				
| 12- 8|si| 6|	Tz	-130.1|	5.1|	0.0|	130.4|				
| 11- 8|si| 9|	Ty	-108.5|	0.0|	3.8|	108.7|				

PROGR. 169.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	16639.9|	-7136.7|	0.0|	-10927.9|	21.7|	-29.0|			
| 12- 8|	4616.6|	-8405.0|	0.0|	-5265.8|	113.4|	-26.7|			
| 8- 2|	3406.7|	315.0|	0.0|	-1460.2|	54.7|	-48.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-421.9|	0.0|	0.0|	421.9|				
| 12- 8|si| 6|	Tz	-120.1|	5.4|	0.0|	120.4|				
| 8- 2|si| 9|	Ty	-33.7|	0.0|	5.6|	35.1|				

PROGR. 193.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	16371.4|	-7289.1|	0.0|	-11206.5|	48.0|	-49.7|			
| 12- 8|	3829.7|	-11139.6|	0.0|	-5265.8|	113.4|	-38.5|			
| 8- 2|	2047.8|	-1331.1|	0.0|	-1460.2|	81.8|	-64.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-429.1|	0.0|	0.0|	429.1|				
| 12- 8|si| 6|	Tz	-108.7|	5.7|	0.0|	109.1|				
| 8- 2|si| 9|	Ty	-34.8|	0.0|	7.5|	37.1|				

VERIFICA STABILITA` :									
|L0 = 193.1|									
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|									
Y Lc = 193.1 Ro = 3.57 lm = 54.0 Ncr= 305877.6 alfa(c)=0.4900 ki=0.7723									
Caso 5- 1 - Nodo 1 - Asse Y									
Ned = -11206.5 Mzeq = 18231.7 Myeq = -5466.8 Ss = -495.1 (0.189)									
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PROGR. 0.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
6- 1	15755.3	-7464.0	0.0	-13280.8	-32.7	52.6			
| 12- 8|	3830.6|	-11139.6|	0.0|	-6478.3|	-103.0|	51.1|			
| 7- 2|	1006.4|	-1622.5|	0.0|	-2806.0|	-16.6|	70.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-476.7|	0.0|	0.0|	476.7|				
| 12- 8|si| 6|	Tz	-136.9|	-5.5|	0.0|	137.2|				
| 7- 2|si| 9|	Ty	-66.2|	0.0|	-8.1|	67.7|				

PROGR. 24.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	16832.3|	-6479.1|	0.0|	-13280.8|	-49.0|	36.6|			
| 12- 8|	4920.8|	-8655.6|	0.0|	-6478.3|	-103.0|	39.3|			
| 7- 2|	2505.0|	-1222.2|	0.0|	-2806.0|	-16.6|	54.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-469.1|	0.0|	0.0|	469.1|				
| 12- 8|si| 6|	Tz	-148.9|	-5.3|	0.0|	149.2|				
| 7- 2|si| 9|	Ty	-66.0|	0.0|	-6.3|	66.9|				

PROGR. 48.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	17523.0|	-5101.4|	0.0|	-13280.8|	-65.2|	20.6|			
| 12- 8|	5727.3|	-6171.6|	0.0|	-6478.3|	-103.0|	27.5|			
| 7- 2|	3617.3|	-821.9|	0.0|	-2806.0|	-16.6|	38.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-454.8|	0.0|	0.0|	454.8|				
| 12- 8|si| 6|	Tz	-159.7|	-5.0|	0.0|	159.9|				
| 7- 2|si| 9|	Ty	-65.7|	0.0|	-4.4|	66.2|				

PROGR. 72.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	17827.3|	-3330.8|	0.0|	-13280.8|	-81.5|	4.6|			
| 12- 8|	6249.9|	-3687.6|	0.0|	-6478.3|	-103.0|	15.8|			
| 7- 2|	4343.2|	-421.6|	0.0|	-2806.0|	-16.6|	22.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-433.6|	0.0|	0.0|	433.6|				
| 12- 8|si| 6|	Tz	-169.1|	-4.7|	0.0|	169.3|				
| 7- 2|si| 9|	Ty	-65.5|	0.0|	-2.6|	65.6|				

Copertura area carburante - Relazione di calcolo

----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	17745.2	-1167.4	0.0	-13280.8	-97.8	-11.4
8- 1	16396.2	-1960.1	0.0	-12463.7	-101.5	-8.1
5- 1	18019.2	45.4	0.0	-12833.5	-76.0	-15.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-405.7	0.0	0.0	405.7
8- 1	si	5	Tz		-371.1	-4.5	0.0	371.2
5- 1	si	9	Ty		-298.2	0.0	1.7	298.2

----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	17276.8	1388.9	0.0	-13280.8	-114.1	-27.4
8- 1	16008.6	815.3	0.0	-12463.7	-128.6	-24.1
5- 1	17462.8	1879.0	0.0	-12833.5	-76.0	-31.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-406.3	0.0	0.0	406.3
8- 1	si	5	Tz		-361.5	-6.0	0.0	361.6
5- 1	si	9	Ty		-297.0	0.0	3.6	297.1

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	16422.1	4338.1	0.0	-13280.8	-130.4	-43.4
8- 1	15234.7	4245.4	0.0	-12463.7	-155.8	-40.1
5- 1	16520.1	3712.7	0.0	-12833.5	-76.0	-47.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-439.9	0.0	0.0	439.9
8- 1	si	5	Tz		-348.2	-7.5	0.0	348.5
5- 1	si	9	Ty		-295.9	0.0	5.5	296.0

----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	15181.0	7680.1	0.0	-13280.8	-146.7	-59.5
8- 1	14074.4	8330.3	0.0	-12463.7	-182.9	-56.1
5- 1	15191.0	5546.3	0.0	-12833.5	-76.0	-63.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-476.7	0.0	0.0	476.7
8- 1	si	5	Tz		-331.3	-9.0	0.0	331.7
5- 1	si	9	Ty		-294.7	0.0	7.3	295.0

----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	13553.5	11415.0	0.0	-13280.8	-163.0	-75.5
8- 1	12527.8	13069.9	0.0	-12463.7	-210.0	-72.1
5- 1	13475.6	7379.9	0.0	-12833.5	-76.0	-79.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-516.8	0.0	0.0	516.8
8- 1	si	5	Tz		-310.8	-10.6	0.0	311.4
5- 1	si	9	Ty		-293.5	0.0	9.2	294.0

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr = 840959.4 |alfa(b) = 0.3400 |ki = 0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr = 305877.6 |alfa(c) = 0.4900 |ki = 0.7723 |
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -13280.8 |Mzeq = 17827.3 |Myeq = 8561.3 |Ss = -597.5 (0.228)

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 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	12529.2	13069.9	0.0	-7799.8	184.2	53.1
7- 2	2176.7	1579.9	0.0	-1557.8	6.3	65.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	2	Sx	Si	-405.7	0.0	0.0	405.7
8- 1	si	5	Tz		-202.4	9.0	0.0	203.0
7- 2	si	9	Ty		-35.2	0.0	-7.7	37.6

----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	14680.4	8404.9	0.0	-8444.7	116.6	38.6
8- 1	13617.7	8953.0	0.0	-7799.8	157.1	37.1
11-12	3761.6	1025.5	0.0	-1761.7	-10.5	51.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-371.3	0.0	0.0	371.3
8- 1	si	5	Tz		-219.1	7.5	0.0	219.5
11-12	si	9	Ty		-40.3	0.0	-5.9	41.6

----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	15419.3	5787.6	0.0	-8444.7	100.3	22.6
8- 1	14319.9	5490.9	0.0	-7799.8	129.9	21.1
11-12	4849.0	1279.1	0.0	-1761.7	-10.5	39.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-341.4	0.0	0.0	341.4
8- 1	si	5	Tz		-232.1	6.0	0.0	232.3
11-12	si	9	Ty		-40.1	0.0	-4.6	40.9

----- PROGR. 72.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	15442.8|	4075.9|	0.0|	-8707.4|	45.7|	3.1|
8- 1|	14635.7|	2683.5|	0.0|	-7799.8|	102.8|	5.1|
11-12|	5652.6|	1532.6|	0.0|	-1761.7|	-10.5|	27.4|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 2|Sx	Si|	-325.8|	0.0|	0.0|	325.8|	
8- 1|si| 5|	Tz	-241.5|	4.5|	0.0|	241.6|	
11-12|si| 9|	Ty	-40.0|	0.0|	-3.2|	40.3|	
----- PROGR. 96.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	15325.1|	2974.6|	0.0|	-8707.4|	45.7|	-12.9|
12- 1|	6216.2|	-2763.6|	0.0|	-4556.6|	101.6|	-17.4|
11- 5|	5026.6|	-387.2|	0.0|	-4341.1|	30.3|	-20.6|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 2|Sx	Si|	-311.2|	0.0|	0.0|	311.2|	
12- 1|si| 6|	Tz	-126.9|	4.7|	0.0|	127.2|	
11- 5|si| 9|	Ty	-101.1|	0.0|	2.4|	101.2|	
----- PROGR. 121.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	14821.1|	1873.3|	0.0|	-8707.4|	45.7|	-28.9|
12- 1|	5655.0|	-5215.6|	0.0|	-4556.6|	101.6|	-29.1|
7- 1|	13279.8|	1666.9|	0.0|	-8237.7|	38.8|	-32.7|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 2|Sx	Si|	-294.9|	0.0|	0.0|	294.9|	
12- 1|si| 6|	Tz	-117.4|	5.0|	0.0|	117.7|	
7- 1|si| 9|	Ty	-190.4|	0.0|	3.8|	190.5|	
----- PROGR. 145.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	13930.6|	771.9|	0.0|	-8707.4|	45.7|	-44.9|
12- 1|	4810.1|	-7667.7|	0.0|	-4556.6|	101.6|	-40.9|
7- 1|	12296.6|	731.3|	0.0|	-8237.7|	38.8|	-48.8|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 2|Sx	Si|	-276.7|	0.0|	0.0|	276.7|	
12- 1|si| 6|	Tz	-106.6|	5.3|	0.0|	106.9|	
7- 1|si| 9|	Ty	-191.0|	0.0|	5.7|	191.2|	
----- PROGR. 169.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	13318.8|	-1405.8|	0.0|	-8444.7|	18.9|	-57.5|
12- 1|	3681.4|	-10119.8|	0.0|	-4556.6|	101.6|	-52.7|
7- 1|	10927.1|	-204.3|	0.0|	-8237.7|	38.8|	-64.8|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-275.8|	0.0|	0.0|	275.8|	
12- 1|si| 6|	Tz	-94.4|	5.5|	0.0|	94.9|	
7- 1|si| 9|	Ty	-191.6|	0.0|	7.5|	192.0|	
----- PROGR. 193.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12- 1|	2269.0|	-12571.8|	0.0|	-4556.6|	101.6|	-64.4|
7- 1|	9171.2|	-1139.8|	0.0|	-8237.7|	38.8|	-80.8|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
12- 1|si| 1|Sx	Si|	-276.5|	0.0|	0.0|	276.5|	
12- 1|si| 6|	Tz	-81.0|	5.8|	0.0|	81.6|	
7- 1|si| 9|	Ty	-192.2|	0.0|	9.4|	192.9|	
----- PROGR. 193.						
VERIFICA STABILITA` :						
|L0 = 193.1|						
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|						
Y Lc = 193. Ro = 3.57 lm = 54.0 Ncr= 305877.6 alfa(c)=0.4900 ki=0.7723						
Caso 6- 1 - Nodo 2 - Asse Y						
Ned = -8444.7 Mzeq = 15771.9 Myeq = 8561.3 Ss = -440.0 (0.168)						
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----- PROGR. 0.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12- 3	3402.4	-12480.1	0.0	-4447.6	-145.5	48.2
12-16|	3909.6|	12056.8|	0.0|	-1767.7|	147.0|	52.2|
7- 2|	2538.9|	357.8|	0.0|	-2477.2|	7.4|	73.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
12- 3|si| 1|Sx	Si|	-278.0|	0.0|	0.0|	278.0|	
12-16|si| 5|	Tz	-25.2|	7.4|	0.0|	28.3|	
7- 2|si| 9|	Ty	-57.3|	0.0|	-8.5|	59.2|	
----- PROGR. 24.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	12919.9|	-2419.8|	0.0|	-8246.8|	23.1|	41.2|
12-16|	5026.2|	8511.6|	0.0|	-1767.7|	147.0|	40.4|
7- 2|	4107.7|	179.9|	0.0|	-2477.2|	7.4|	57.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-282.3|	0.0|	0.0|	282.3|	
12-16|si| 5|	Tz	-40.4|	7.2|	0.0|	42.2|	
7- 2|si| 9|	Ty	-57.5|	0.0|	-6.6|	58.6|	
----- PROGR. 48.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	13720.9|	-2780.7|	0.0|	-8246.8|	6.8|	25.2|

Copertura area carburante - Relazione di calcolo

| 12-16|	5858.9|	4966.4|	0.0|	-1767.7|	147.0|	28.6|
| 7- 2|	5290.1|	2.0|	0.0|	-2477.2|	7.4|	41.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-290.6|	0.0|	0.0|	290.6|	
| 12-16|si| 5|	Tz |	-54.2|	6.9|	0.0|	55.5|	
| 7- 2|si| 9|	Ty |	-57.6|	0.0|	-4.8|	58.2|	
----- PROGR. 72.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	14135.6|	-2748.9|	0.0|	-8246.8|	-9.5|	9.2|
| 12-16|	6408.0|	1421.2|	0.0|	-1767.7|	147.0|	16.9|
| 7- 2|	6086.2|	-175.8|	0.0|	-2477.2|	7.4|	25.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-292.1|	0.0|	0.0|	292.1|	
| 12-16|si| 5|	Tz |	-66.8|	6.6|	0.0|	67.7|	
| 7- 2|si| 9|	Ty |	-57.7|	0.0|	-2.9|	57.9|	
----- PROGR. 96.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	14163.9|	-2324.1|	0.0|	-8246.8|	-25.7|	-6.8|
| 12-16|	6673.2|	-2124.0|	0.0|	-1767.7|	147.0|	5.1|
| 7- 1|	10945.5|	-1256.3|	0.0|	-6837.9|	1.2|	-13.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-286.8|	0.0|	0.0|	286.8|	
| 12-16|si| 5|	Tz |	-78.0|	6.3|	0.0|	78.7|	
| 7- 1|si| 9|	Ty |	-159.7|	0.0|	1.6|	159.7|	
----- PROGR. 121.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13805.8|	-1506.5|	0.0|	-8246.8|	-42.0|	-22.8|
| 12- 1|	3753.6|	5048.8|	0.0|	-4075.1|	-146.1|	-17.1|
| 7- 1|	10424.5|	-1285.4|	0.0|	-6837.9|	1.2|	-29.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-274.8|	0.0|	0.0|	274.8|	
| 12- 1|si| 5|	Tz |	-97.9|	-6.6|	0.0|	98.5|	
| 7- 1|si| 9|	Ty |	-159.7|	0.0|	3.4|	159.8|	
----- PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13061.4|	-296.0|	0.0|	-8246.8|	-58.3|	-38.9|
| 12- 1|	3199.3|	8573.0|	0.0|	-4075.1|	-146.1|	-28.9|
| 7- 1|	9517.3|	-1314.5|	0.0|	-6837.9|	1.2|	-45.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-255.9|	0.0|	0.0|	255.9|	
| 12- 1|si| 5|	Tz |	-85.3|	-6.9|	0.0|	86.2|	
| 7- 1|si| 9|	Ty |	-159.7|	0.0|	5.3|	160.0|	
----- PROGR. 169.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 3|	4593.1|	12091.7|	0.0|	-4447.6|	-145.5|	-34.1|
| 12- 1|	2361.3|	12097.1|	0.0|	-4075.1|	-146.1|	-40.6|
| 7- 1|	8223.6|	-1343.7|	0.0|	-6837.9|	1.2|	-61.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12- 3|si| 2|Sx |	Si |	-278.6|	0.0|	0.0|	278.6|	
| 12- 1|si| 5|	Tz |	-71.5|	-7.1|	0.0|	72.6|	
| 7- 1|si| 9|	Ty |	-159.8|	0.0|	7.2|	160.2|	
----- PROGR. 193.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 3|	3628.1|	15602.0|	0.0|	-4447.6|	-145.5|	-45.9|
| 8- 2|	1543.1|	-8750.6|	0.0|	-1704.8|	157.8|	-62.8|
| 7- 1|	6543.6|	-1372.8|	0.0|	-6837.9|	1.2|	-77.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12- 3|si| 2|Sx |	Si |	-318.8|	0.0|	0.0|	318.8|	
| 8- 2|si| 6|	Tz |	-22.1|	8.1|	0.0|	26.2|	
| 7- 1|si| 9|	Ty |	-159.8|	0.0|	9.0|	160.5|	
----- PROGR. 24.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12-15|	5287.9|	-15925.0|	0.0|	-3120.4|	-173.2|	34.8|
| 12-16|	4893.3|	-16304.8|	0.0|	-2792.1|	-177.3|	31.8|
| 7- 2|	4268.2|	-1065.2|	0.0|	-2889.4|	-21.6|	55.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12-15|si| 1|Sx |	Si |	-299.8|	0.0|	0.0|	299.8|	
| 12-16|si| 6|	Tz |	-41.6|	-8.2|	0.0|	44.0|	
| 7- 2|si| 9|	Ty |	-67.8|	0.0|	-6.4|	68.7|	
----- PROGR. 24.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12-15|	5985.5|	-11745.4|	0.0|	-3120.4|	-173.2|	23.0|
| 12-16|	5518.2|	-12027.0|	0.0|	-2792.1|	-177.3|	20.0|

VERIFICA STABILITA` :

|L0 = 193. |

Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|

Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|

Caso 8- 1 - Nodo 2 - Asse Y

Ned = -7610.3|Mzeq = 12933.3|Myeq = 4734.5|Ss = -351.3 (0.134)

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----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-15	5287.9	-15925.0	0.0	-3120.4	-173.2	34.8
| 12-16|	4893.3|	-16304.8|	0.0|	-2792.1|	-177.3|	31.8|
| 7- 2|	4268.2|	-1065.2|	0.0|	-2889.4|	-21.6|	55.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12-15|si| 1|Sx |	Si |	-299.8|	0.0|	0.0|	299.8|	
| 12-16|si| 6|	Tz |	-41.6|	-8.2|	0.0|	44.0|	
| 7- 2|si| 9|	Ty |	-67.8|	0.0|	-6.4|	68.7|	
----- PROGR. 24.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12-15|	5985.5|	-11745.4|	0.0|	-3120.4|	-173.2|	23.0|
12-16	5518.2	-12027.0	0.0	-2792.1	-177.3	20.0

Copertura area carburante - Relazione di calcolo

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| 11- 9|      8618.0| 4121.5|      0.0| -5090.1|      35.9| 42.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-15|si| 1|Sx |Si| -249.8| 0.0| 0.0| 249.8|
| 12-16|si| 6| Tz | -56.5| -8.0| 0.0| 58.2|
| 11- 9|si| 9| Ty | -115.7| 0.0| -4.9| 116.0|
----- PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 9| 9498.2| 3254.7| 0.0| -5090.1| 35.9| 30.6|
| 12-16| 5859.3| -7749.1| 0.0| -2792.1| -177.3| 8.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11- 9|si| 2|Sx |Si| -203.7| 0.0| 0.0| 203.7|
| 12-16|si| 6| Tz | -70.2| -7.7| 0.0| 71.4|
| 11- 9|si| 9| Ty | -116.2| 0.0| -3.6| 116.4|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-10| 10390.5| 2322.0| 0.0| -5159.8| 19.3| 18.2|
| 12-14| 2787.0| -3695.7| 0.0| -1231.1| -174.0| -13.7|
| 7- 1| 5002.3| 2100.8| 0.0| -2142.4| -48.0| -45.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-10|si| 2|Sx |Si| -197.6| 0.0| 0.0| 197.6|
| 12-14|si| 5| Tz | -51.9| -7.7| 0.0| 53.6|
| 7- 1|si| 9| Ty | -48.5| 0.0| 5.2| 49.3|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-10| 10686.9| 1856.4| 0.0| -5159.8| 19.3| 6.4|
| 12-14| 2313.6| 500.9| 0.0| -1231.1| -174.0| -25.5|
| 7- 1| 3720.7| 3258.7| 0.0| -2142.4| -48.0| -61.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-10|si| 2|Sx |Si| -193.0| 0.0| 0.0| 193.0|
| 12-14|si| 5| Tz | -37.9| -8.0| 0.0| 40.3|
| 7- 1|si| 9| Ty | -47.7| 0.0| 7.1| 49.3|
----- PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-12| 10719.5| 2796.0| 0.0| -5198.3| -60.2| -6.5|
| 12-14| 1556.3| 4697.5| 0.0| -1231.1| -174.0| -37.3|
| 7- 1| 2052.7| 4416.6| 0.0| -2142.4| -48.0| -77.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-12|si| 2|Sx |Si| -206.1| 0.0| 0.0| 206.1|
| 12-14|si| 5| Tz | -22.6| -8.2| 0.0| 26.7|
| 7- 1|si| 9| Ty | -47.0| 0.0| 9.0| 49.5|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-12| 10421.6| 4249.2| 0.0| -5198.3| -60.2| -18.2|
| 12-14| 515.3| 8894.1| 0.0| -1231.1| -174.0| -49.0|
| 7- 1| -1.6| 5574.5| 0.0| -2142.4| -48.0| -93.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-12|si| 2|Sx |Si| -223.2| 0.0| 0.0| 223.2|
| 12-14|si| 5| Tz | -5.9| -8.5| 0.0| 15.9|
| 7- 1|si| 9| Ty | -46.2| 0.0| 10.8| 49.9|
----- PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-15| 4211.8| 13332.3| 0.0| -3120.4| -173.2| -47.5|
| 12-14| -809.4| 13090.7| 0.0| -1231.1| -174.0| -60.8|
| 7- 1| -2442.2| 6732.4| 0.0| -2142.4| -48.0| -109.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-15|si| 2|Sx |Si| -261.8| 0.0| 0.0| 261.8|
| 12-14|si| 5| Tz | 12.0| -8.8| 0.0| 19.4|
| 7- 1|si| 9| Ty | -45.5| 0.0| 12.7| 50.5|
----- PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-15| 2923.0| 17511.9| 0.0| -3120.4| -173.2| -59.3|
| 12-14| -2417.9| 17287.3| 0.0| -1231.1| -174.0| -72.6|
| 7- 1| -5269.2| 7890.2| 0.0| -2142.4| -48.0| -125.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-15|si| 2|Sx |Si| -309.0| 0.0| 0.0| 309.0|
| 12-14|si| 5| Tz | 31.3| -9.0| 0.0| 35.0|
| 7- 1|si| 9| Ty | -44.8| 0.0| 14.5| 51.4|
----- PROGR. 0.
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso12-15 - Nodo 2 - Asse Y
Ned = -3120.4|Mzeq = 6529.3|Myeq = 13133.9|Ss = -293.2 ( 0.112)
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----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-15| 2918.8| 17511.9| 0.0| -2088.5| 90.7| 31.9|
| 8- 1| 370.1| 9564.7| 0.0| 382.2| 158.1| 62.1|
| 11- 7| -9049.8| 4467.2| 0.0| 4464.7| 23.1| 93.9|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	|si	2	Sx	Si	-285.0	0.0	285.0
8- 1	|si	5	Tz		34.1	8.1	36.9
11- 7	|si	9	Ty		106.6	0.0	-10.9

24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	3547.1	15322.9	0.0	-2088.5	90.7	20.2
8- 1	1676.1	6077.4	0.0	382.2	131.0	46.1
11- 7	-6925.4	3908.8	0.0	4464.7	23.1	82.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	|si	2	Sx	Si	-260.1	0.0	260.1
8- 1	|si	5	Tz		18.3	6.6	21.6
11- 7	|si	9	Ty		106.2	0.0	-9.5

48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	3891.7	13133.9	0.0	-2088.5	90.7	8.4
8- 1	2595.7	3244.9	0.0	382.2	103.8	30.1
11- 7	-5084.8	3350.4	0.0	4464.7	23.1	70.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	|si	2	Sx	Si	-233.8	0.0	233.8
8- 1	|si	5	Tz		6.0	5.1	10.7
11- 7	|si	9	Ty		105.9	0.0	-8.2

72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	7735.3	4472.2	0.0	-5320.6	37.1	-34.7
12-14	613.7	10804.6	0.0	809.2	89.6	24.3
11- 7	-3527.9	2792.0	0.0	4464.7	23.1	58.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	|si	2	Sx	Si	-216.4	0.0	216.4
12-14	|si	5	Tz		46.4	4.4	47.0
11- 7	|si	9	Ty		105.5	0.0	-6.8

96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	6755.8	3577.8	0.0	-5320.6	37.1	-46.5
12-15	3729.5	8756.0	0.0	-2088.5	90.7	-15.1
11- 7	-2254.8	2233.6	0.0	4464.7	23.1	46.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	|si	2	Sx	Si	-200.5	0.0	200.5
12-15	|si	6	Tz		-90.5	4.2	90.8
11- 7	|si	9	Ty		105.2	0.0	-5.4

121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	5492.5	2683.3	0.0	-5320.6	37.1	-58.2
12-15	3222.8	6567.0	0.0	-2088.5	90.7	-26.9
11-10	5515.2	-2.3	0.0	-5319.3	0.0	-58.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	|si	2	Sx	Si	-183.3	0.0	183.3
12-15	|si	6	Tz		-82.0	4.5	82.3
11-10	|si	9	Ty		-123.6	0.0	6.8

145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	3945.4	1788.9	0.0	-5320.6	37.1	-70.0
12-15	2432.3	4378.0	0.0	-2088.5	90.7	-38.6
11-10	3960.6	-1.5	0.0	-5319.3	0.0	-70.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	|si	2	Sx	Si	-164.7	0.0	164.7
12-15	|si	6	Tz		-72.1	4.7	72.6
11-10	|si	9	Ty		-123.6	0.0	8.2

169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	2114.6	894.4	0.0	-5320.6	37.1	-81.8
12-15	1358.0	2189.0	0.0	-2088.5	90.7	-50.4
11-10	2122.2	-0.8	0.0	-5319.3	0.0	-82.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	|si	2	Sx	Si	-144.8	0.0	144.8
12-15	|si	6	Tz		-61.0	5.0	61.6
11-10	|si	9	Ty		-123.6	0.0	9.5

193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-5320.6	37.1	-93.5
8- 2	0.0	0.0	0.0	936.8	115.9	-47.8
11-10	0.0	0.0	0.0	-5319.3	0.0	-93.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	|si	4	Sx	Si	-123.6	0.0	123.6
8- 2	|si	6	Tz		21.8	6.0	24.1
11-10	|si	9	Ty		-123.6	0.0	10.9
11-12	|si	9	Si		-123.6	0.0	10.9

VERIFICA STABILITA` :

L0 = 193.1
Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr = 840959.4 |alfa(b) = 0.3400 |ki = 0.9358 |
Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr = 305877.6 |alfa(c) = 0.4900 |ki = 0.7723 |

Copertura area carburante - Relazione di calcolo

Caso11-12 - Nodo 2 - Asse Y
 Ned = -5320.6 | Mzeq = 7798.8 | Myeq = 5366.7 | Ss = -266.0 (0.102)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	50.0	-12883.2	-17.2	183.1
6- 1	0.0	0.0	55.4	-12629.5	-5.2	183.3

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	1	|Sx	-299.4	0.0	0.0	299.4
5- 1	|si	6	|Tz	-299.4	-8.6	0.0	299.8
6- 1	|si	9	|Ty	-293.5	0.0	-23.6	296.3
5- 1	|si	9	|Si	-299.4	0.0	-23.4	302.1

 ----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	4289.1	415.4	50.0	-12883.2	-17.2	172.5
6- 1	4295.2	126.6	55.4	-12629.5	-5.2	172.7

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	-324.6	0.0	0.0	324.6
5- 1	|si	6	|Tz	-320.4	-8.3	0.0	320.8
6- 1	|si	9	|Ty	-293.4	0.0	-22.4	296.0

 ----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	8322.8	830.7	50.0	-12883.2	-17.2	161.9
6- 1	8334.9	253.3	55.4	-12629.5	-5.2	162.2

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	-348.5	0.0	0.0	348.5
5- 1	|si	6	|Tz	-340.3	-8.1	0.0	340.6
6- 1	|si	9	|Ty	-293.3	0.0	-21.2	295.6

 ----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	12101.1	1246.1	50.0	-12883.2	-17.2	151.3
6- 1	12119.3	379.9	55.4	-12629.5	-5.2	151.6

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	-371.3	0.0	0.0	371.3
5- 1	|si	6	|Tz	-359.0	-7.8	0.0	359.2
6- 1	|si	9	|Ty	-293.3	0.0	-20.0	295.3

 ----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	15623.9	1661.5	50.0	-12883.2	-17.2	140.7
6- 1	15648.3	506.5	55.4	-12629.5	-5.2	141.0

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	-392.9	0.0	0.0	392.9
5- 1	|si	6	|Tz	-376.4	-7.6	0.0	376.7
6- 1	|si	9	|Ty	-293.2	0.0	-18.7	295.0

 ----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	18891.4	2076.8	50.0	-12883.2	-17.2	130.1
6- 1	18921.8	633.2	55.4	-12629.5	-5.2	130.4

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	-413.3	0.0	0.0	413.3
5- 1	|si	6	|Tz	-392.8	-7.4	0.0	393.0
6- 1	|si	9	|Ty	-293.1	0.0	-17.5	294.7

 ----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	21903.5	2492.2	50.0	-12883.2	-17.2	119.6
6- 1	21940.0	759.8	55.4	-12629.5	-5.2	119.8

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	-432.6	0.0	0.0	432.6
5- 1	|si	6	|Tz	-407.9	-7.1	0.0	408.1
6- 1	|si	9	|Ty	-293.0	0.0	-16.3	294.4

 ----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	24660.2	2907.6	50.0	-12883.2	-17.2	109.0
6- 1	24702.8	886.5	55.4	-12629.5	-5.2	109.2

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	-450.6	0.0	0.0	450.6
5- 1	|si	6	|Tz	-421.8	-6.9	0.0	422.0
6- 1	|si	9	|Ty	-292.9	0.0	-15.0	294.1

 ----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	27161.5	3322.9	50.0	-12883.2	-17.2	98.4
6- 1	27210.2	1013.1	55.4	-12629.5	-5.2	98.6

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	|Sx	-467.5	0.0	0.0	467.5
5- 1	|si	6	|Tz	-434.6	-6.6	0.0	434.7
6- 1	|si	9	|Ty	-292.9	0.0	-13.8	293.8

 ----- PROGR. 193.

VERIFICA STABILITA` :

|L0 = 193.1

Copertura area carburante - Relazione di calcolo

Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -12883.2|Mzeq = 20371.2|Myeq = 2492.2|Ss = -516.6 (0.197)

P_HEB140_S006 (6) stato limite ultimo - ASTA (519- 523) 833
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	-0.4	-14258.8	-4.5	179.8
6- 1	0.0	0.0	0.4	-14168.9	6.8	179.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-331.4	0.0	0.0	331.4
6- 1	si	5	Tz	-329.3	4.5	0.0	329.4
5- 1	si	9	TySi	-331.4	0.0	-20.9	333.3
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	4209.4	107.9	-0.4	-14258.8	-4.5	169.2
12- 6	1377.5	-1535.9	-4.3	-4293.6	63.7	53.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx Si	-352.2	0.0	0.0	352.2
12- 6	si	5	Tz	-110.5	4.2	0.0	110.7
5- 1	si	9	Ty	-331.3	0.0	-19.7	333.0
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	8163.4	215.7	-0.4	-14258.8	-4.5	158.6
12- 6	2558.5	-3071.8	-4.3	-4293.6	63.7	44.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx Si	-371.9	0.0	0.0	371.9
12- 6	si	5	Tz	-120.3	4.0	0.0	120.5
5- 1	si	9	Ty	-331.2	0.0	-18.4	332.8
 ----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	11860.1	-495.4	0.4	-14168.9	6.8	148.0
12- 6	3543.0	-4607.7	-4.3	-4293.6	63.7	36.7
5- 1	11862.0	323.6	-0.4	-14258.8	-4.5	148.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx Si	-390.5	0.0	0.0	390.5
12- 6	si	5	Tz	-129.2	3.9	0.0	129.4
5- 1	si	9	Ty	-331.2	0.0	-17.2	332.5
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	15302.7	-660.5	0.4	-14168.9	6.8	137.4
12- 6	4331.1	-6143.6	-4.3	-4293.6	63.7	28.6
5- 1	15305.2	431.5	-0.4	-14258.8	-4.5	137.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx Si	-408.6	0.0	0.0	408.6
12- 6	si	5	Tz	-137.2	3.7	0.0	137.3
5- 1	si	9	Ty	-331.1	0.0	-16.0	332.2
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	18489.9	-825.6	0.4	-14168.9	6.8	126.8
12- 6	4922.7	-7679.5	-4.3	-4293.6	63.7	20.5
5- 1	18493.0	539.3	-0.4	-14258.8	-4.5	126.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx Si	-425.4	0.0	0.0	425.4
12- 6	si	5	Tz	-144.2	3.5	0.0	144.4
5- 1	si	9	Ty	-331.0	0.0	-14.8	332.0
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	21421.7	-990.8	0.4	-14168.9	6.8	116.2
12- 6	5317.9	-9215.4	-4.3	-4293.6	63.7	12.3
5- 1	21425.4	647.2	-0.4	-14258.8	-4.5	116.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx Si	-441.1	0.0	0.0	441.1
12- 6	si	5	Tz	-150.4	3.3	0.0	150.5
5- 1	si	9	Ty	-331.0	0.0	-13.5	331.8
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	24098.0	-1155.9	0.4	-14168.9	6.8	105.6
12- 6	5516.6	-10751.3	-4.3	-4293.6	63.7	4.2
5- 1	24102.4	755.1	-0.4	-14258.8	-4.5	105.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx Si	-455.6	0.0	0.0	455.6
12- 6	si	5	Tz	-155.6	3.1	0.0	155.7
5- 1	si	9	Ty	-330.9	0.0	-12.3	331.6
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	26519.0	-1321.0	0.4	-14168.9	6.8	95.1
12-11	4591.9	12276.9	3.2	-2180.1	-63.6	-8.8
5- 1	26524.1	862.9	-0.4	-14258.8	-4.5	95.1

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx Si | -468.9 | 0.0 | 0.0 | 468.9 |

Copertura area carburante - Relazione di calcolo

12-11|si| 5| Tz	-37.3|	-3.1|	0.0|	37.7|
5- 1|si| 9| Ty	-330.8|	0.0|	-11.1|	331.4|

VERIFICA STABILITA' :

L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -14168.9|Mzeq = 19889.3|Myeq = -990.8|Ss = -533.3 (0.204)

P_HEB140_S006 (6) stato limite ultimo - ASTA (521- 524) 834
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	33.2|	-14668.7|	9.8|	188.4|
6- 1|	0.0|	0.0|	28.9|	-14536.2|	20.6|	187.1|

 TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx		-340.9|	0.0|	0.0|	340.9|
6- 1|si| 5| Ty		-337.8|	7.3|	0.0|	338.1|
5- 1|si| 9| TySi		-340.9|	0.0|	-23.3|	343.3|

 ----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	4385.7|	-497.5|	28.9|	-14536.2|	20.6|	176.5|
5- 1|	4417.8|	-237.3|	33.2|	-14668.7|	9.8|	177.8|

 TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx		-364.5|	0.0|	0.0|	364.5|
6- 1|si| 5| Ty		-359.5|	7.0|	0.0|	359.7|
5- 1|si| 9| Ty		-341.0|	0.0|	-22.1|	343.2|

 ----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	8516.0|	-995.0|	28.9|	-14536.2|	20.6|	165.9|
5- 1|	8580.3|	-474.5|	33.2|	-14668.7|	9.8|	167.2|

 TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx		-389.9|	0.0|	0.0|	389.9|
6- 1|si| 5| Ty		-380.1|	6.8|	0.0|	380.2|
5- 1|si| 9| Ty		-341.2|	0.0|	-20.8|	343.1|

 ----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	12391.0|	-1492.4|	28.9|	-14536.2|	20.6|	155.3|
5- 1|	12487.3|	-711.8|	33.2|	-14668.7|	9.8|	156.7|

 TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx		-414.2|	0.0|	0.0|	414.2|
6- 1|si| 5| Ty		-399.4|	6.6|	0.0|	399.6|
5- 1|si| 9| Ty		-341.3|	0.0|	-19.6|	343.0|

 ----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	16010.5|	-1989.9|	28.9|	-14536.2|	20.6|	144.7|
5- 1|	16138.9|	-949.1|	33.2|	-14668.7|	9.8|	146.1|

 TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx		-437.3|	0.0|	0.0|	437.3|
6- 1|si| 5| Ty		-417.6|	6.3|	0.0|	417.7|
5- 1|si| 9| Ty		-341.5|	0.0|	-18.4|	343.0|

 ----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	19374.6|	-2487.4|	28.9|	-14536.2|	20.6|	134.2|
5- 1|	19535.2|	-1186.3|	33.2|	-14668.7|	9.8|	135.5|

 TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx		-459.2|	0.0|	0.0|	459.2|
6- 1|si| 5| Ty		-434.6|	6.1|	0.0|	434.7|
5- 1|si| 9| Ty		-341.6|	0.0|	-17.1|	342.9|

 ----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	22483.4|	-2984.9|	28.9|	-14536.2|	20.6|	123.6|
5- 1|	22676.0|	-1423.6|	33.2|	-14668.7|	9.8|	124.9|

 TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx		-480.0|	0.0|	0.0|	480.0|
6- 1|si| 5| Ty		-450.4|	5.8|	0.0|	450.5|
5- 1|si| 9| Ty		-341.8|	0.0|	-15.9|	342.9|

 ----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	25336.7|	-3482.3|	28.9|	-14536.2|	20.6|	113.0|
5- 1|	25561.5|	-1660.9|	33.2|	-14668.7|	9.8|	114.3|

 TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx		-499.5|	0.0|	0.0|	499.5|
6- 1|si| 5| Ty		-465.0|	5.6|	0.0|	465.1|
5- 1|si| 9| Ty		-341.9|	0.0|	-14.7|	342.9|

 ----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	27934.6|	-3979.8|	28.9|	-14536.2|	20.6|	102.4|
5- 1	28191.5	-1898.2	33.2	-14668.7	9.8	103.7

 TENSIONI (Sz= 0.00) :

Caso	Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

6- 1 si 1 Sx	Si	-517.9	0.0	0.0	517.9
| 6- 1|si| 5| Tz	|	-478.4|	5.3|	0.0|	478.5|
| 5- 1|si| 9| Ty	|	-342.1|	0.0|	-13.5|	342.9|

 VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -14536.2|Mzeq = 20951.0|Myeq = -2984.9|Ss = -576.1 (0.220)

P_HEB140_S006 (6) stato limite ultimo - ASTA (522- 525) 835
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	27141.5|	3453.5|	134.6|	-24100.0|	25.4|	88.5|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx	Si|	-729.8|	0.0|	0.0|	729.8|
| 5- 1|si| 5| Tz	|	-676.0|	12.9|	0.0|	676.4|
| 5- 1|si| 9| Ty	|	-557.9|	0.0|	-16.0|	558.6|

 ----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	29148.7|	2840.5|	134.6|	-24100.0|	25.4|	77.9|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx	Si|	-731.2|	0.0|	0.0|	731.2|
| 5- 1|si| 5| Tz	|	-687.1|	12.6|	0.0|	687.4|
| 5- 1|si| 9| Ty	|	-558.3|	0.0|	-14.7|	558.8|

 ----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	30900.5|	2227.6|	134.6|	-24100.0|	25.4|	67.3|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx	Si|	-731.6|	0.0|	0.0|	731.6|
| 5- 1|si| 5| Tz	|	-696.9|	12.4|	0.0|	697.2|
| 5- 1|si| 9| Ty	|	-558.7|	0.0|	-13.5|	559.1|

 ----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	32397.0|	1614.7|	134.6|	-24100.0|	25.4|	56.7|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx	Si|	-730.7|	0.0|	0.0|	730.7|
| 5- 1|si| 5| Tz	|	-705.6|	12.2|	0.0|	705.9|
| 5- 1|si| 9| Ty	|	-559.0|	0.0|	-12.3|	559.4|

 ----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	33638.0|	1001.7|	134.6|	-24100.0|	25.4|	46.1|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx	Si|	-728.6|	0.0|	0.0|	728.6|
| 5- 1|si| 5| Tz	|	-713.0|	11.9|	0.0|	713.3|
| 5- 1|si| 9| Ty	|	-559.4|	0.0|	-11.1|	559.8|

 ----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	34544.9|	971.7|	135.0|	-23948.4|	2.9|	34.5|
| 5- 1|	34623.6|	388.8|	134.6|	-24100.0|	25.4|	35.6|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	Si|	-728.9|	0.0|	0.0|	728.9|
| 5- 1|si| 5| Tz	|	-719.3|	11.7|	0.0|	719.6|
| 5- 1|si| 9| Ty	|	-559.8|	0.0|	-9.8|	560.1|

 ----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	35249.7|	902.2|	135.0|	-23948.4|	2.9|	23.9|
| 5- 1|	35353.9|	-224.1|	134.6|	-24100.0|	25.4|	25.0|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	Si|	-731.3|	0.0|	0.0|	731.3|
| 5- 1|si| 5| Tz	|	-724.4|	11.4|	0.0|	724.7|
| 5- 1|si| 9| Ty	|	-560.2|	0.0|	-8.6|	560.4|

 ----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	35828.7|	-837.1|	134.6|	-24100.0|	25.4|	14.4|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx	Si|	-736.7|	0.0|	0.0|	736.7|
| 5- 1|si| 5| Tz	|	-728.4|	11.2|	0.0|	728.6|
| 5- 1|si| 9| Ty	|	-560.6|	0.0|	-7.4|	560.8|

 ----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	36048.2|	-1450.0|	134.6|	-24100.0|	25.4|	3.8|

 TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 1|Sx	Si|	-745.5|	0.0|	0.0|	745.5|
| 5- 1|si| 5| Tz	|	-731.1|	10.9|	0.0|	731.4|
| 5- 1|si| 9| Ty	|	-561.0|	0.0|	-6.1|	561.1|

VERIFICA STABILITA` :

Copertura area carburante - Relazione di calcolo

L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -24100.0|Mzeq = 36048.2|Myeq = 2590.1|Ss = -932.9 (0.356)

P_HEB140_S006 (6) stato limite ultimo - ASTA (523- 526) 836
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	26519.7	1487.1	3.3	-25485.7	29.4	112.8
12-11	4591.1	12545.1	2.1	-4804.4	136.3	50.8
6- 1	26514.7	-769.4	5.1	-25381.0	6.4	113.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si|	2	|Sx	Si	-734.0	0.0	0.0	734.0
12-11	|si|	5	Tz	-112.0	6.9	0.0	112.7	
6- 1	|si|	9	Ty	-590.3	0.0	-13.4	590.8	

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	29114.2	778.2	3.3	-25485.7	29.4	102.2
12-11	5718.4	9256.3	2.1	-4804.4	136.3	42.7
6- 1	29119.3	-924.0	5.1	-25381.0	6.4	102.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si|	2	|Sx	Si	-737.0	0.0	0.0	737.0
12-11	|si|	5	Tz	-112.0	6.9	0.0	112.7	
6- 1	|si|	9	Ty	-590.4	0.0	-12.1	590.8	

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	31468.5	-1078.6	5.1	-25381.0	6.4	92.1
12-11	6649.3	5967.4	2.1	-4804.4	136.3	34.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si|	1	|Sx	Si	-749.3	0.0	0.0	749.3
12-11	|si|	5	Tz	-125.6	6.7	0.0	126.2	
6- 1	|si|	9	Ty	-590.5	0.0	-10.9	590.8	

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	33562.3	-1233.2	5.1	-25381.0	6.4	81.5
12-11	7383.8	2678.5	2.1	-4804.4	136.3	26.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si|	1	|Sx	Si	-761.0	0.0	0.0	761.0
12-11	|si|	5	Tz	-138.3	6.5	0.0	138.8	
6- 1	|si|	9	Ty	-590.6	0.0	-9.7	590.9	

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	35365.0	-1348.4	3.3	-25485.7	29.4	70.5
12-11	7921.8	-610.3	2.1	-4804.4	136.3	18.2
6- 1	35400.7	-1387.8	5.1	-25381.0	6.4	70.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si|	1	|Sx	Si	-773.2	0.0	0.0	773.2
12-11	|si|	5	Tz	-150.1	6.4	0.0	150.5	
6- 1	|si|	9	Ty	-590.7	0.0	-8.5	590.9	

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	36937.9	-2057.2	3.3	-25485.7	29.4	59.9
12-11	8263.3	-3899.2	2.1	-4804.4	136.3	10.1
6- 1	36983.8	-1542.4	5.1	-25381.0	6.4	60.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si|	1	|Sx	Si	-789.6	0.0	0.0	789.6
12-11	|si|	5	Tz	-160.9	6.2	0.0	161.3	
6- 1	|si|	9	Ty	-590.8	0.0	-7.2	591.0	

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	38255.3	-2766.1	3.3	-25485.7	29.4	49.3
12-11	8408.4	-7188.0	2.1	-4804.4	136.3	1.9
6- 1	38311.4	-1697.1	5.1	-25381.0	6.4	49.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si|	1	|Sx	Si	-804.7	0.0	0.0	804.7
12-11	|si|	5	Tz	-170.9	6.0	0.0	171.2	
6- 1	|si|	9	Ty	-590.9	0.0	-6.0	591.0	

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	39317.3	-3474.9	3.3	-25485.7	29.4	38.7
12-11	8357.0	-10476.9	2.1	-4804.4	136.3	-6.2
6- 1	39383.6	-1851.7	5.1	-25381.0	6.4	39.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si|	1	|Sx	Si	-818.6	0.0	0.0	818.6
12-11	|si|	6	Tz	-120.8	6.1	0.0	121.3	
6- 1	|si|	9	Ty	-591.0	0.0	-4.8	591.1	

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	40124.0	-4183.8	3.3	-25485.7	29.4	28.1
12-11	8109.2	-13765.8	2.1	-4804.4	136.3	-14.3
6- 1	40200.5	-2006.3	5.1	-25381.0	6.4	28.6

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -831.4| 0.0| 0.0| 831.4|
| 12-11|si| 6| Tz | -110.4| 6.3| 0.0| 110.9|
| 6- 1|si| 9| Ty | -591.1| 0.0| -3.5| 591.2|

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VERIFICA STABILITA` :

|L0 = 193.|
Z |Lc = 193.|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -25485.7|Mzeq = 40124.0|Myeq = -3137.8|Ss = -1002.2 ( 0.383)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 524- 527) 837
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 27935.5| -3496.1| -75.3| -25823.3| -8.1| 104.3|
| 5- 1| 28192.5| -1134.9| -74.8| -25877.9| 16.1| 102.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -774.0| 0.0| 0.0| 774.0|
| 5- 1|si| 5| Tz | -735.2| 8.5| 0.0| 735.3|
| 6- 1|si| 9| Ty | -602.3| 0.0| -15.3| 602.9|
----- PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 30323.4| -3301.6| -75.3| -25823.3| -8.1| 93.7|
| 5- 1| 30543.9| -1523.8| -74.8| -25877.9| 16.1| 92.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -782.6| 0.0| 0.0| 782.6|
| 5- 1|si| 5| Tz | -747.2| 8.2| 0.0| 747.3|
| 6- 1|si| 9| Ty | -602.2| 0.0| -14.1| 602.7|
----- PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 32455.9| -3107.1| -75.3| -25823.3| -8.1| 83.1|
| 5- 1| 32639.9| -1912.8| -74.8| -25877.9| 16.1| 81.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -790.0| 0.0| 0.0| 790.0|
| 5- 1|si| 5| Tz | -758.0| 8.0| 0.0| 758.1|
| 6- 1|si| 9| Ty | -602.1| 0.0| -12.8| 602.5|
----- PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 34333.0| -2912.5| -75.3| -25823.3| -8.1| 72.5|
| 5- 1| 34480.5| -2301.7| -74.8| -25877.9| 16.1| 71.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -796.2| 0.0| 0.0| 796.2|
| 5- 1|si| 5| Tz | -767.6| 7.7| 0.0| 767.7|
| 6- 1|si| 9| Ty | -602.0| 0.0| -11.6| 602.3|
----- PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 36065.7| -2690.7| -74.8| -25877.9| 16.1| 60.4|
| 6- 1| 35954.6| -2718.0| -75.3| -25823.3| -8.1| 61.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -802.7| 0.0| 0.0| 802.7|
| 5- 1|si| 5| Tz | -776.0| 7.5| 0.0| 776.1|
| 6- 1|si| 9| Ty | -601.9| 0.0| -10.4| 602.1|
----- PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 37395.5| -3079.6| -74.8| -25877.9| 16.1| 49.8|
| 6- 1| 37320.9| -2523.5| -75.3| -25823.3| -8.1| 51.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -813.8| 0.0| 0.0| 813.8|
| 5- 1|si| 5| Tz | -783.3| 7.3| 0.0| 783.4|
| 6- 1|si| 9| Ty | -601.7| 0.0| -9.2| 601.9|
----- PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 38469.9| -3468.6| -74.8| -25877.9| 16.1| 39.2|
| 6- 1| 38431.8| -2329.0| -75.3| -25823.3| -8.1| 40.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -823.7| 0.0| 0.0| 823.7|
| 5- 1|si| 5| Tz | -789.3| 7.0| 0.0| 789.4|
| 6- 1|si| 9| Ty | -601.6| 0.0| -7.9| 601.8|
----- PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 39288.9| -3857.5| -74.8| -25877.9| 16.1| 28.7|
| 12-11| 8471.4| -10911.2| -15.1| -5001.8| 138.4| -6.3|
| 6- 1| 39287.3| -2134.5| -75.3| -25823.3| -8.1| 30.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -832.5| 0.0| 0.0| 832.5|
| 12-11|si| 6| Tz | -124.7| 7.1| 0.0| 125.3|
| 6- 1|si| 9| Ty | -601.5| 0.0| -6.7| 601.6|
----- PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

5- 1	39852.5	-4246.5	-74.8	-25877.9	16.1	18.1
| 12-11 |	8222.0 |	-14250.3 |	-15.1 |	-5001.8 |	138.4 |	-14.4 |
| 6- 1 |	39887.4 |	-1940.0 |	-75.3 |	-25823.3 |	-8.1 |	19.6 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si|	|1|	|Sx |	-840.0 |	0.0 |	0.0 |	840.0 |
| 12-11 |	|si|	|6|	Tz |	-114.1 |	7.3 |	0.0 |	114.8 |
| 6- 1 |	|si|	|9|	Ty |	-601.4 |	0.0 |	-5.5 |	601.4 |

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -25877.9 |Mzeq = 39852.5 |Myeq = -3497.9 |Ss = -1017.8 (0.389)

P_HEB140_S006 (6) stato limite ultimo - ASTA (525- 528) 838
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	36033.8 |	-1246.3 |	89.8 |	-29708.4 |	8.5 |	75.2 |
| 6- 1 |	35879.2 |	1144.8 |	87.3 |	-29305.1 |	32.1 |	75.7 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si|	|1|	|Sx |	-873.2 |	0.0 |	0.0 |	873.2 |
| 6- 1 |	|si|	|5|	Tz |	-844.0 |	9.4 |	0.0 |	844.1 |
| 5- 1 |	|si|	|9|	Ty |	-691.2 |	0.0 |	-12.5 |	691.5 |

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	37719.4 |	-1450.3 |	89.8 |	-29708.4 |	8.5 |	64.6 |
| 6- 1 |	37578.9 |	371.5 |	87.3 |	-29305.1 |	32.1 |	65.2 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si|	|1|	|Sx |	-883.6 |	0.0 |	0.0 |	883.6 |
| 6- 1 |	|si|	|5|	Tz |	-854.0 |	9.2 |	0.0 |	854.2 |
| 5- 1 |	|si|	|9|	Ty |	-691.3 |	0.0 |	-11.3 |	691.6 |

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	39149.7 |	-1654.3 |	89.8 |	-29708.4 |	8.5 |	54.0 |
| 6- 1 |	39023.2 |	-401.8 |	87.3 |	-29305.1 |	32.1 |	54.6 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si|	|1|	|Sx |	-892.8 |	0.0 |	0.0 |	892.8 |
| 6- 1 |	|si|	|5|	Tz |	-862.9 |	9.0 |	0.0 |	863.0 |
| 5- 1 |	|si|	|9|	Ty |	-691.5 |	0.0 |	-10.1 |	691.7 |

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	40324.6 |	-1858.3 |	89.8 |	-29708.4 |	8.5 |	43.4 |
| 6- 1 |	40212.1 |	-1175.1 |	87.3 |	-29305.1 |	32.1 |	44.0 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si|	|1|	|Sx |	-900.8 |	0.0 |	0.0 |	900.8 |
| 6- 1 |	|si|	|5|	Tz |	-870.6 |	8.7 |	0.0 |	870.7 |
| 5- 1 |	|si|	|9|	Ty |	-691.6 |	0.0 |	-8.8 |	691.8 |

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	41244.0 |	-2062.3 |	89.8 |	-29708.4 |	8.5 |	32.8 |
| 6- 1 |	41145.6 |	-1948.4 |	87.3 |	-29305.1 |	32.1 |	33.4 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si|	|1|	|Sx |	-907.7 |	0.0 |	0.0 |	907.7 |
| 6- 1 |	|si|	|5|	Tz |	-877.1 |	8.5 |	0.0 |	877.2 |
| 5- 1 |	|si|	|9|	Ty |	-691.7 |	0.0 |	-7.6 |	691.8 |

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	41908.1 |	-2266.3 |	89.8 |	-29708.4 |	8.5 |	22.2 |
| 6- 1 |	41823.7 |	-2721.7 |	87.3 |	-29305.1 |	32.1 |	22.8 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si|	|1|	|Sx |	-913.4 |	0.0 |	0.0 |	913.4 |
| 6- 1 |	|si|	|5|	Tz |	-882.4 |	8.2 |	0.0 |	882.5 |
| 5- 1 |	|si|	|9|	Ty |	-691.9 |	0.0 |	-6.4 |	691.9 |

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	42246.4 |	-3495.0 |	87.3 |	-29305.1 |	32.1 |	12.2 |
| 5- 1 |	42316.8 |	-2470.3 |	89.8 |	-29708.4 |	8.5 |	11.6 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si|	|1|	|Sx |	-921.2 |	0.0 |	0.0 |	921.2 |
| 6- 1 |	|si|	|5|	Tz |	-886.6 |	8.0 |	0.0 |	886.7 |
| 5- 1 |	|si|	|9|	Ty |	-692.0 |	0.0 |	-5.2 |	692.0 |

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	42413.7 |	-4268.4 |	87.3 |	-29305.1 |	32.1 |	1.6 |
| 8- 2 |	7928.1 |	2368.1 |	17.1 |	-6057.0 |	-42.2 |	-27.9 |

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si|	|1|	|Sx |	-931.8 |	0.0 |	0.0 |	931.8 |
| 6- 1 |	|si|	|5|	Tz |	-889.5 |	7.7 |	0.0 |	889.6 |
| 8- 2 |	|si|	|9|	Ty |	-139.3 |	0.0 |	4.0 |	139.4 |

----- PROGR. 193.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	42325.6	-5041.7	87.3	-29305.1	32.1	-8.9
8- 1	38136.5	-6054.6	78.5	-26547.4	45.4	-13.0
8- 2	7128.2	3386.1	17.1	-6057.0	-42.2	-38.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-941.3	0.0	0.0	941.3
8- 1	|si	|6	|Tz	-776.5	7.9	0.0	776.6	
8- 2	|si	|9	|Ty	-138.6	0.0	5.2	138.9	

VERIFICA STABILITA' :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -29305.1|Mzeq = 42413.7|Myeq = -3781.2|Ss = -1138.6 (0.435)

P_HEB140_S006 (6) stato limite ultimo - ASTA (526- 529) 839
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	40120.0	-4073.2	-1.7	-35211.9	-18.8	90.9
12-11	8108.4	-13742.8	-0.6	-8276.8	-117.1	44.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1056.0	0.0	0.0	1056.0
12-11	|si	|6	|Tz	-191.2	-6.0	0.0	191.4	
5- 1	|si	|9	|Ty	-820.9	0.0	-10.6	821.1	

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	42185.8	-3620.3	-1.7	-35211.9	-18.8	80.3
12-11	9081.9	-10918.0	-0.6	-8276.8	-117.1	36.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1059.8	0.0	0.0	1059.8
12-11	|si	|6	|Tz	-203.6	-5.8	0.0	203.9	
5- 1	|si	|9	|Ty	-820.6	0.0	-9.4	820.8	

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	43996.1	-3167.4	-1.7	-35211.9	-18.8	69.7
12-11	9858.9	-8093.2	-0.6	-8276.8	-117.1	28.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1062.4	0.0	0.0	1062.4
12-11	|si	|6	|Tz	-215.2	-5.7	0.0	215.4	
5- 1	|si	|9	|Ty	-820.3	0.0	-8.2	820.4	

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	45551.1	-2714.5	-1.7	-35211.9	-18.8	59.2
12-11	10439.4	-5268.4	-0.6	-8276.8	-117.1	20.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1063.8	0.0	0.0	1063.8
12-11	|si	|6	|Tz	-225.8	-5.5	0.0	226.0	
5- 1	|si	|9	|Ty	-820.0	0.0	-6.9	820.1	

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	46850.6	-2261.6	-1.7	-35211.9	-18.8	48.6
12-11	10823.5	-2443.5	-0.6	-8276.8	-117.1	11.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|1	|Sx	Si	-1064.1	0.0	0.0	1064.1
12-11	|si	|6	|Tz	-235.6	-5.3	0.0	235.8	
5- 1	|si	|9	|Ty	-819.7	0.0	-5.7	819.8	

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	47997.5	-2083.4	-0.2	-35199.8	0.9	38.2
12-11	11011.2	381.3	-0.6	-8276.8	-117.1	3.7
5- 1	47894.8	-1808.7	-1.7	-35211.9	-18.8	38.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1066.9	0.0	0.0	1066.9
12-11	|si	|6	|Tz	-244.4	-5.1	0.0	244.6	
5- 1	|si	|9	|Ty	-819.5	0.0	-4.5	819.5	

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	48791.5	-2104.3	-0.2	-35199.8	0.9	27.6
12-11	11002.4	3206.1	-0.6	-8276.8	-117.1	-4.4
5- 1	48683.6	-1355.8	-1.7	-35211.9	-18.8	27.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	Si	-1070.8	0.0	0.0	1070.8
12-11	|si	|5	|Tz	-234.3	-5.1	0.0	234.4	
5- 1	|si	|9	|Ty	-819.2	0.0	-3.3	819.2	

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	49330.1	-2125.1	-0.2	-35199.8	0.9	17.0
12-11	10797.1	6030.9	-0.6	-8276.8	-117.1	-12.6
8- 2	9682.2	2738.7	-1.0	-7490.7	-52.9	-24.1

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -1073.6| 0.0| 0.0| 1073.6|
| 12-11|si| 5| Tz | -225.4| -5.3| 0.0| 225.5|
| 8- 2|si| 9| Ty | -172.3| 0.0| 2.8| 172.4|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 49613.3| -2145.9| -0.2| -35199.8| 0.9| 6.4|
| 12-11| 10395.4| 8855.7| -0.6| -8276.8| -117.1| -20.7|
| 8- 2| 8972.5| 4015.3| -1.0| -7490.7| -52.9| -34.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -1075.1| 0.0| 0.0| 1075.1|
| 12-11|si| 5| Tz | -215.5| -5.5| 0.0| 215.7|
| 8- 2|si| 9| Ty | -171.5| 0.0| 4.1| 171.7|
-----
VERIFICA STABILITA' :
|LO = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -35211.9|Mzeq = 49494.9|Myeq = -3054.9|Ss = -1342.8 ( 0.513)
P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 527- 530) 840
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 39853.7| -4185.5| -49.4| -33487.7| -21.8| 80.3|
| 12-12| 8221.7| -14255.8| -8.2| -7711.0| -115.1| 41.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1016.1| 0.0| 0.0| 1016.1|
| 12-12|si| 6| Tz | -177.1| -6.4| 0.0| 177.4|
| 5- 1|si| 9| Ty | -780.9| 0.0| -11.4| 781.2|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 41664.0| -3660.2| -49.4| -33487.7| -21.8| 69.7|
| 12-12| 9130.1| -11479.7| -8.2| -7711.0| -115.1| 33.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1017.8| 0.0| 0.0| 1017.8|
| 12-12|si| 6| Tz | -189.1| -6.2| 0.0| 189.4|
| 5- 1|si| 9| Ty | -780.6| 0.0| -10.2| 780.8|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 43218.9| -3135.0| -49.4| -33487.7| -21.8| 59.2|
| 12-12| 9842.1| -8703.7| -8.2| -7711.0| -115.1| 25.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1018.3| 0.0| 0.0| 1018.3|
| 12-12|si| 6| Tz | -200.2| -6.1| 0.0| 200.5|
| 5- 1|si| 9| Ty | -780.2| 0.0| -9.0| 780.4|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 44518.4| -2609.7| -49.4| -33487.7| -21.8| 48.6|
| 12-12| 10357.7| -5927.6| -8.2| -7711.0| -115.1| 17.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1017.7| 0.0| 0.0| 1017.7|
| 12-12|si| 6| Tz | -210.5| -5.9| 0.0| 210.7|
| 5- 1|si| 9| Ty | -779.9| 0.0| -7.7| 780.0|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45562.5| -2084.5| -49.4| -33487.7| -21.8| 38.0|
| 12-12| 10676.7| -3151.6| -8.2| -7711.0| -115.1| 9.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -1015.8| 0.0| 0.0| 1015.8|
| 12-12|si| 6| Tz | -219.8| -5.7| 0.0| 220.0|
| 5- 1|si| 9| Ty | -779.6| 0.0| -6.5| 779.6|
-----
PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 46472.2| -1690.1| -46.8| -33442.0| -3.9| 28.1|
| 12-12| 10799.4| -375.5| -8.2| -7711.0| -115.1| 1.0|
| 5- 1| 46351.2| -1559.2| -49.4| -33487.7| -21.8| 27.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -1013.9| 0.0| 0.0| 1013.9|
| 12-12|si| 6| Tz | -228.2| -5.5| 0.0| 228.4|
| 5- 1|si| 9| Ty | -779.2| 0.0| -5.3| 779.3|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 47022.7| -1595.9| -46.8| -33442.0| -3.9| 17.5|
| 12-12| 10725.5| 2400.5| -8.2| -7711.0| -115.1| -7.1|
| 5- 1| 46884.5| -1034.0| -49.4| -33487.7| -21.8| 16.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -1015.3| 0.0| 0.0| 1015.3|
| 12-12|si| 5| Tz | -222.1| -5.6| 0.0| 222.3|
| 5- 1|si| 9| Ty | -778.9| 0.0| -4.0| 778.9|
-----
PROGR. 169.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1	47317.9	-1501.7	-46.8	-33442.0	-3.9	6.9
12-12|	10455.2|	5176.6|	-8.2|	-7711.0|	-115.1|	-15.3|
8- 2|	8827.8|	2627.5|	-12.1|	-6839.6|	-54.2|	-27.1|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-1015.5|	0.0|	0.0|	1015.5|	
12-12|si| 5|	Tz	-213.0|	-5.8|	0.0|	213.3|	
8- 2|si| 9|	Ty	-157.3|	0.0|	3.7|	157.4|	
----- PROGR. 193.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	47357.6|	-1407.5|	-46.8|	-33442.0|	-3.9|	-3.6|
12-12|	9988.4|	7952.6|	-8.2|	-7711.0|	-115.1|	-23.4|
8- 2|	8045.9|	3935.9|	-12.1|	-6839.6|	-54.2|	-37.7|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-1014.4|	0.0|	0.0|	1014.4|	
12-12|si| 5|	Tz	-203.0|	-6.0|	0.0|	203.3|	
8- 2|si| 9|	Ty	-156.4|	0.0|	4.9|	156.7|	
----- PROGR. 193.						
VERIFICA STABILITA` :						
|L0 = 193. |						
Z	|Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|					
Y	|Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|					
Caso 5- 1 - Nodo 1 - Asse Y						
Ned = -33487.7|Mzeq = 47185.0|Myeq = -3139.1|Ss = -1280.2 (0.489)						
P_HEB140_S006 (6) stato limite ultimo - ASTA (528- 531) 841						
----- PROGR. 0.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	42317.5|	-5427.8|	30.0|	-31421.8|	-52.6|	12.2|
8- 1|	38129.3|	-6323.3|	26.7|	-28474.7|	-60.0|	15.0|
8- 2|	7126.5|	3082.6|	6.1|	-6650.1|	26.4|	43.8|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-995.3|	0.0|	0.0|	995.3|	
8- 1|si| 6|	Tz	-820.5|	-4.8|	0.0|	820.5|	
8- 2|si| 9|	Ty	-152.6|	0.0|	-5.3|	152.9|	
----- PROGR. 24.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	42483.9|	-4159.6|	30.0|	-31421.8|	-52.6|	1.6|
8- 1|	38362.7|	-4876.5|	26.7|	-28474.7|	-60.0|	4.4|
8- 2|	8056.1|	2444.6|	6.1|	-6650.1|	26.4|	33.2|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-980.0|	0.0|	0.0|	980.0|	
8- 1|si| 6|	Tz	-825.7|	-4.6|	0.0|	825.7|	
8- 2|si| 9|	Ty	-153.0|	0.0|	-4.1|	153.2|	
----- PROGR. 48.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	42394.9|	-2891.4|	30.0|	-31421.8|	-52.6|	-9.0|
8- 1|	38340.8|	-3429.8|	26.7|	-28474.7|	-60.0|	-6.2|
8- 2|	8730.3|	1806.5|	6.1|	-6650.1|	26.4|	22.7|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-963.4|	0.0|	0.0|	963.4|	
8- 1|si| 5|	Tz	-849.0|	-4.6|	0.0|	849.0|	
8- 2|si| 9|	Ty	-153.4|	0.0|	-2.9|	153.5|	
----- PROGR. 72.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1|	42050.5|	-1623.2|	30.0|	-31421.8|	-52.6|	-19.6|
8- 1|	38063.5|	-1983.0|	26.7|	-28474.7|	-60.0|	-16.8|
5- 1|	42186.5|	-913.7|	33.8|	-31704.8|	-35.5|	-18.3|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
6- 1|si| 1|Sx	Si|	-945.7|	0.0|	0.0|	945.7|	
8- 1|si| 5|	Tz	-843.6|	-4.9|	0.0|	843.7|	
5- 1|si| 9|	Ty	-737.4|	0.0|	3.6|	737.4|	
----- PROGR. 96.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	41618.1|	-57.9|	33.8|	-31704.8|	-35.5|	-28.9|
8- 1|	37530.7|	-536.3|	26.7|	-28474.7|	-60.0|	-27.4|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-930.3|	0.0|	0.0|	930.3|	
8- 1|si| 5|	Tz	-837.1|	-5.1|	0.0|	837.1|	
5- 1|si| 9|	Ty	-736.8|	0.0|	4.8|	736.9|	
----- PROGR. 121.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	40794.3|	797.8|	33.8|	-31704.8|	-35.5|	-39.4|
8- 1|	36742.6|	910.4|	26.7|	-28474.7|	-60.0|	-38.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 2|Sx	Si|	-935.9|	0.0|	0.0|	935.9|	
8- 1|si| 5|	Tz	-829.3|	-5.4|	0.0|	829.4|	
5- 1|si| 9|	Ty	-736.3|	0.0|	6.0|	736.4|	
----- PROGR. 145.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	39715.2|	1653.6|	33.8|	-31704.8|	-35.5|	-50.0|
8- 1	35699.1	2357.2	26.7	-28474.7	-60.0	-48.5

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -941.8| 0.0| 0.0| 941.8|
| 8- 1|si| 5| Tz | | -820.4| -5.6| 0.0| 820.5|
| 5- 1|si| 9| Ty | | -735.8| 0.0| 7.2| 735.9|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 38118.9| 3449.6| 30.0| -31421.8| -52.6| -61.9|
| 8- 1| 34400.2| 3803.9| 26.7| -28474.7| -60.0| -59.1|
| 5- 1| 38380.6| 2509.4| 33.8| -31704.8| -35.5| -60.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -950.7| 0.0| 0.0| 950.7|
| 8- 1|si| 5| Tz | | -810.3| -5.8| 0.0| 810.4|
| 5- 1|si| 9| Ty | | -735.2| 0.0| 8.5| 735.4|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 36497.5| 4717.8| 30.0| -31421.8| -52.6| -72.5|
| 8- 1| 32845.8| 5250.7| 26.7| -28474.7| -60.0| -69.7|
| 5- 1| 36790.7| 3365.1| 33.8| -31704.8| -35.5| -71.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -959.3| 0.0| 0.0| 959.3|
| 8- 1|si| 5| Tz | | -799.1| -6.1| 0.0| 799.1|
| 5- 1|si| 9| Ty | | -734.7| 0.0| 9.7| 734.9|
-----
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -31421.8|Mzeq = 42483.9|Myeq = -4070.9|Ss = -1207.7 ( 0.461)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 529- 532) 842
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 49611.6| -2998.6| -6.3| -37564.6| -34.5| -11.8|
| 12- 6| 10359.6| -8289.4| -2.3| -8289.9| -64.7| 19.5|
| 8- 2| 8972.1| 3423.4| -2.2| -7999.1| 24.8| 33.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1140.9| 0.0| 0.0| 1140.9|
| 12- 6|si| 6| Tz | | -217.3| -3.4| 0.0| 217.3|
| 8- 2|si| 9| Ty | | -183.7| 0.0| -4.0| 183.8|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 49199.7| -2166.4| -6.3| -37564.6| -34.5| -22.4|
| 12- 6| 10731.2| -6728.2| -2.3| -8289.9| -64.7| 11.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1128.4| 0.0| 0.0| 1128.4|
| 12- 6|si| 6| Tz | | -223.4| -3.2| 0.0| 223.5|
| 6- 1|si| 9| Ty | | -874.4| 0.0| 2.9| 874.4|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 48532.4| -1334.3| -6.3| -37564.6| -34.5| -33.0|
| 12- 6| 10906.3| -5167.1| -2.3| -8289.9| -64.7| 3.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1114.8| 0.0| 0.0| 1114.8|
| 12- 6|si| 6| Tz | | -228.6| -3.0| 0.0| 228.7|
| 6- 1|si| 9| Ty | | -873.8| 0.0| 4.1| 873.9|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 47609.7| -502.1| -6.3| -37564.6| -34.5| -43.5|
| 8- 1| 43087.6| -1027.1| -5.8| -33947.1| -41.5| -38.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -1099.9| 0.0| 0.0| 1099.9|
| 8- 1|si| 5| Tz | | -991.4| -3.1| 0.0| 991.4|
| 6- 1|si| 9| Ty | | -873.3| 0.0| 5.3| 873.4|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46410.2| 666.6| -7.2| -37605.2| -20.4| -53.1|
| 8- 1| 42031.1| -26.0| -5.8| -33947.1| -41.5| -49.1|
| 6- 1| 46431.6| 330.0| -6.3| -37564.6| -34.5| -54.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1097.4| 0.0| 0.0| 1097.4|
| 8- 1|si| 5| Tz | | -983.7| -3.3| 0.0| 983.7|
| 6- 1|si| 9| Ty | | -872.8| 0.0| 6.6| 872.8|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45001.0| 1158.4| -7.2| -37605.2| -20.4| -63.7|
| 8- 1| 40719.2| 975.2| -5.8| -33947.1| -41.5| -59.7|
| 6- 1| 44998.1| 1162.2| -6.3| -37564.6| -34.5| -64.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1097.1| 0.0| 0.0| 1097.1|
| 8- 1|si| 5| Tz | | -974.8| -3.6| 0.0| 974.8|

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Copertura area carburante - Relazione di calcolo

6- 1 si 9	Ty	-872.2	0.0	7.8	872.3				
----- PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	43309.3|	1994.3|	-6.3|	-37564.6|	-34.5|	-75.3|			
| 8- 1|	39151.9|	1976.3|	-5.8|	-33947.1|	-41.5|	-70.3|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 2|Sx	Si	-1099.0|	0.0|	0.0|	1099.0|				
| 8- 1|si| 5|	Tz	-964.7|	-3.8|	0.0|	964.7|				
| 6- 1|si| 9|	Ty	-871.7|	0.0|	9.0|	871.9|				
----- PROGR. 169.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	41365.0|	2826.5|	-6.3|	-37564.6|	-34.5|	-85.9|			
| 8- 1|	37329.2|	2977.4|	-5.8|	-33947.1|	-41.5|	-80.8|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 2|Sx	Si	-1100.6|	0.0|	0.0|	1100.6|				
| 8- 1|si| 5|	Tz	-953.4|	-4.0|	0.0|	953.4|				
| 6- 1|si| 9|	Ty	-871.2|	0.0|	10.2|	871.4|				
----- PROGR. 193.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	39165.3|	3658.6|	-6.3|	-37564.6|	-34.5|	-96.5|			
| 8- 1|	35251.1|	3978.6|	-5.8|	-33947.1|	-41.5|	-91.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 2|Sx	Si	-1101.0|	0.0|	0.0|	1101.0|				
| 8- 1|si| 5|	Tz	-941.0|	-4.3|	0.0|	941.0|				
| 6- 1|si| 9|	Ty	-870.7|	0.0|	11.5|	870.9|				

VERIFICA STABILITA` :									
|L0 = 193.1									
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|									
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|									
Caso 6- 1 - Nodo 2 - Asse Y									
Ned = -37564.6|Mzeq = 49611.6|Myeq = 2744.0|Ss = -1410.8 (0.539)									
P_HEB140_S006 (6) stato limite ultimo - ASTA (530- 533) 843									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	47358.3|	-2128.4|	-13.6|	-35274.6|	-24.1|	-5.1|			
| 12- 6|	9566.3|	-7535.4|	-5.1|	-7684.6|	-51.1|	22.9|			
| 8- 2|	8046.2|	3412.7|	-3.5|	-7174.5|	22.3|	35.3|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1066.2|	0.0|	0.0|	1066.2|				
| 12- 6|si| 6|	Tz	-201.6|	-3.1|	0.0|	201.7|				
| 8- 2|si| 9|	Ty	-164.6|	0.0|	-4.3|	164.7|				
----- PROGR. 24.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	47107.9|	-1546.7|	-13.6|	-35274.6|	-24.1|	-15.7|			
| 12- 6|	10019.9|	-6303.5|	-5.1|	-7684.6|	-51.1|	14.7|			
| 8- 2|	8770.9|	2875.5|	-3.5|	-7174.5|	22.3|	24.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1057.6|	0.0|	0.0|	1057.6|				
| 12- 6|si| 6|	Tz	-207.2|	-2.9|	0.0|	207.3|				
| 8- 2|si| 9|	Ty	-164.9|	0.0|	-3.0|	165.0|				
----- PROGR. 48.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	46602.0|	-965.0|	-13.6|	-35274.6|	-24.1|	-26.3|			
| 12- 6|	10277.1|	-5071.5|	-5.1|	-7684.6|	-51.1|	6.6|			
| 5- 1|	46483.2|	52.4|	-17.6|	-35218.2|	-11.7|	-25.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1047.9|	0.0|	0.0|	1047.9|				
| 12- 6|si| 6|	Tz	-211.9|	-2.7|	0.0|	211.9|				
| 5- 1|si| 9|	Ty	-818.4|	0.0|	3.7|	818.4|				
----- PROGR. 72.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	45840.7|	-383.4|	-13.6|	-35274.6|	-24.1|	-36.8|			
| 8- 1|	41423.3|	-968.0|	-12.4|	-31832.9|	-30.4|	-32.1|			
| 5- 1|	45748.9|	335.5|	-17.6|	-35218.2|	-11.7|	-35.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	Si	-1037.0|	0.0|	0.0|	1037.0|				
| 8- 1|si| 5|	Tz	-934.4|	-2.9|	0.0|	934.4|				
| 5- 1|si| 9|	Ty	-818.2|	0.0|	4.9|	818.3|				
----- PROGR. 96.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	44759.1|	618.7|	-17.6|	-35218.2|	-11.7|	-46.3|			
| 8- 1|	40521.3|	-234.9|	-12.4|	-31832.9|	-30.4|	-42.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-1033.6|	0.0|	0.0|	1033.6|				
| 8- 1|si| 5|	Tz	-928.1|	-3.2|	0.0|	928.1|				
| 5- 1|si| 9|	Ty	-818.1|	0.0|	6.1|	818.1|				
----- PROGR. 121.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	43514.0|	901.9|	-17.6|	-35218.2|	-11.7|	-56.9|			

Copertura area carburante - Relazione di calcolo

| 8- 1|	39363.9|	498.2|	-12.4|	-31832.9|	-30.4|	-53.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si|	-1031.5|	0.0|	0.0|	1031.5|	
| 8- 1|si| 5|	Tz |	-920.7|	-3.4|	0.0|	920.7|	
| 5- 1|si| 9|	Ty |	-817.9|	0.0|	7.4|	818.0|	
----- PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	42024.5|	1361.7|	-13.6|	-35274.6|	-24.1|	-68.6|
| 8- 1|	37951.2|	1231.3|	-12.4|	-31832.9|	-30.4|	-63.9|
| 5- 1|	42013.4|	1185.0|	-17.6|	-35218.2|	-11.7|	-67.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-1031.7|	0.0|	0.0|	1031.7|	
| 8- 1|si| 5|	Tz |	-912.1|	-3.7|	0.0|	912.1|	
| 5- 1|si| 9|	Ty |	-817.7|	0.0|	8.6|	817.8|	
----- PROGR. 169.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	40241.7|	1943.4|	-13.6|	-35274.6|	-24.1|	-79.2|
| 8- 1|	36283.0|	1964.4|	-12.4|	-31832.9|	-30.4|	-74.4|
| 5- 1|	40257.4|	1468.2|	-17.6|	-35218.2|	-11.7|	-78.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-1030.9|	0.0|	0.0|	1030.9|	
| 8- 1|si| 5|	Tz |	-902.3|	-3.9|	0.0|	902.3|	
| 5- 1|si| 9|	Ty |	-817.5|	0.0|	9.8|	817.7|	
----- PROGR. 193.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	38203.4|	2525.0|	-13.6|	-35274.6|	-24.1|	-89.8|
| 8- 1|	34359.5|	2697.5|	-12.4|	-31832.9|	-30.4|	-85.0|
| 5- 1|	38246.1|	1751.3|	-17.6|	-35218.2|	-11.7|	-88.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-1028.9|	0.0|	0.0|	1028.9|	
| 8- 1|si| 5|	Tz |	-891.3|	-4.1|	0.0|	891.3|	
| 5- 1|si| 9|	Ty |	-817.3|	0.0|	11.0|	817.6|	

VERIFICA STABILITA` :						
|L0 = 193. |						
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|						
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|						
Caso 6- 1 - Nodo 2 - Asse Y						
Ned = -35274.6|Mzeq = 47358.3|Myeq = 1893.8|Ss = -1317.7 (0.503)						
P_HEB140_S006 (6) stato limite ultimo - ASTA (531- 534) 844						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	36495.3|	4121.3|	-20.8|	-34644.2|	22.6|	87.3|
| 12-16|	8184.0|	-5320.8|	-6.6|	-9528.6|	-92.1|	39.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-1026.6|	0.0|	0.0|	1026.6|	
| 12-16|si| 6|	Tz |	-244.3|	-5.3|	0.0|	244.5|	
| 6- 1|si| 9|	Ty |	-802.5|	0.0|	-11.0|	802.7|	
----- PROGR. 24.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	38472.9|	3575.3|	-20.8|	-34644.2|	22.6|	76.7|
| 12-16|	9043.7|	-3098.0|	-6.6|	-9528.6|	-92.1|	31.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-1028.8|	0.0|	0.0|	1028.8|	
| 12-16|si| 6|	Tz |	-254.6|	-5.1|	0.0|	254.7|	
| 6- 1|si| 9|	Ty |	-802.8|	0.0|	-9.8|	803.0|	
----- PROGR. 48.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	40447.4|	2452.5|	-17.1|	-34979.2|	4.0|	65.3|
| 12-16|	9707.0|	-875.1|	-6.6|	-9528.6|	-92.1|	23.4|
| 6- 1|	40195.0|	3029.2|	-20.8|	-34644.2|	22.6|	66.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si|	-1031.5|	0.0|	0.0|	1031.5|	
| 12-16|si| 6|	Tz |	-263.9|	-4.9|	0.0|	264.1|	
| 6- 1|si| 9|	Ty |	-803.2|	0.0|	-8.6|	803.3|	
----- PROGR. 72.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	41894.0|	2355.0|	-17.1|	-34979.2|	4.0|	54.7|
| 12-16|	10173.9|	1347.7|	-6.6|	-9528.6|	-92.1|	15.3|
| 6- 1|	41661.7|	2483.1|	-20.8|	-34644.2|	22.6|	55.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si|	-1036.9|	0.0|	0.0|	1036.9|	
| 12-16|si| 6|	Tz |	-272.4|	-4.7|	0.0|	272.5|	
| 6- 1|si| 9|	Ty |	-803.5|	0.0|	-7.3|	803.6|	
----- PROGR. 96.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	43085.3|	2257.5|	-17.1|	-34979.2|	4.0|	44.1|
| 12-16|	10444.2|	3570.6|	-6.6|	-9528.6|	-92.1|	7.1|
| 6- 1|	42873.0|	1937.1|	-20.8|	-34644.2|	22.6|	44.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 2|Sx	Si	-1041.2|	0.0|	0.0|	1041.2|
| 12-16|si| 6| Tz		-279.9|	-4.6|	0.0|	280.0|
| 6- 1|si| 9| Ty		-803.9|	0.0|	-6.1|	804.0|

----- PROGR.

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	44021.2|	2160.0|	-17.1|	-34979.2|	4.0|	33.5|
| 12-16|	10518.2|	5793.4|	-6.6|	-9528.6|	-92.1|	-1.0|
| 6- 1|	43829.0|	1391.0|	-20.8|	-34644.2|	22.6|	34.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-1044.3|	0.0|	0.0|	1044.3|
| 12-16|si| 5| Tz		-253.8|	-4.4|	0.0|	253.9|
| 6- 1|si| 9| Ty		-804.2|	0.0|	-4.9|	804.3|

----- PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	44701.6|	2062.5|	-17.1|	-34979.2|	4.0|	22.9|
| 12-16|	10395.6|	8016.3|	-6.6|	-9528.6|	-92.1|	-9.2|
| 6- 1|	44529.5|	844.9|	-20.8|	-34644.2|	22.6|	23.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-1046.2|	0.0|	0.0|	1046.2|
| 12-16|si| 5| Tz		-247.0|	-4.6|	0.0|	247.1|
| 6- 1|si| 9| Ty		-804.6|	0.0|	-3.6|	804.6|

----- PROGR.

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	45126.7|	1964.9|	-17.1|	-34979.2|	4.0|	12.3|
| 12-16|	10076.6|	10239.1|	-6.6|	-9528.6|	-92.1|	-17.3|
| 7- 2|	8326.4|	871.4|	-9.5|	-7365.0|	-3.4|	-28.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-1046.9|	0.0|	0.0|	1046.9|
| 12-16|si| 5| Tz		-239.2|	-4.8|	0.0|	239.4|
| 7- 2|si| 9| Ty		-170.6|	0.0|	3.7|	170.7|

----- PROGR.

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	45296.3|	1867.4|	-17.1|	-34979.2|	4.0|	1.7|
| 12-16|	9561.1|	12462.0|	-6.6|	-9528.6|	-92.1|	-25.4|
| 7- 2|	7505.1|	953.3|	-9.5|	-7365.0|	-3.4|	-39.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-1046.5|	0.0|	0.0|	1046.5|
| 12-16|si| 5| Tz		-230.6|	-5.0|	0.0|	230.7|
| 7- 2|si| 9| Ty		-170.6|	0.0|	5.0|	170.8|

VERIFICA STABILITA` :

|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -34979.2|Mzeq = 45296.3|Myeq = 2647.5|Ss = -1309.6 (0.500)

P_HEB140_S006 (6) stato limite ultimo - ASTA (532- 535) 845
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	39165.6|	2850.5|	-6.2|	-37565.1|	18.8|	95.7|
| 12- 1|	7904.8|	4417.7|	-2.9|	-8346.0|	77.8|	45.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-1090.7|	0.0|	0.0|	1090.7|
| 12- 1|si| 5| Tz		-218.1|	4.6|	0.0|	218.3|
| 6- 1|si| 9| Ty		-871.2|	0.0|	-11.4|	871.4|

----- PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	41346.7|	2397.3|	-6.2|	-37565.1|	18.8|	85.1|
| 12- 1|	8903.5|	2541.4|	-2.9|	-8346.0|	77.8|	37.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-1095.0|	0.0|	0.0|	1095.0|
| 12- 1|si| 5| Tz		-228.0|	4.4|	0.0|	228.2|
| 6- 1|si| 9| Ty		-871.5|	0.0|	-10.1|	871.6|

----- PROGR.

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	43272.3|	1944.1|	-6.2|	-37565.1|	18.8|	74.5|
| 12- 1|	9705.7|	665.2|	-2.9|	-8346.0|	77.8|	29.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-1098.2|	0.0|	0.0|	1098.2|
| 12- 1|si| 5| Tz		-237.0|	4.2|	0.0|	237.1|
| 6- 1|si| 9| Ty		-871.8|	0.0|	-8.9|	871.9|

----- PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	44967.8|	1643.2|	-6.2|	-37625.7|	4.6|	63.2|
| 12- 1|	10311.5|	-1211.1|	-2.9|	-8346.0|	77.8|	21.0|
| 6- 1|	44942.6|	1490.8|	-6.2|	-37565.1|	18.8|	63.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-1103.6|	0.0|	0.0|	1103.6|
| 12- 1|si| 5| Tz		-245.1|	4.0|	0.0|	245.2|
6- 1 si 9 Ty		-872.0	0.0	-7.7	872.1

----- PROGR.

96.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 46365.9 | 1532.3 | -6.2 | -37625.7 | 4.6 | 52.7 |
| 12- 1 | 10720.8 | -3087.3 | -2.9 | -8346.0 | 77.8 | 12.9 |
| 6- 1 | 46357.4 | 1037.6 | -6.2 | -37565.1 | 18.8 | 53.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx | Si | -1108.7 | 0.0 | 0.0 | 1108.7 |
| 12- 1|si| 5 | Tz | -252.3 | 3.8 | 0.0 | 252.4 |
| 6- 1|si| 9 | Ty | -872.3 | 0.0 | -6.5 | 872.4 |
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 47508.6 | 1421.5 | -6.2 | -37625.7 | 4.6 | 42.1 |
| 12- 1 | 10933.6 | -4963.5 | -2.9 | -8346.0 | 77.8 | 4.8 |
| 6- 1 | 47516.9 | 584.4 | -6.2 | -37565.1 | 18.8 | 42.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx | Si | -1112.5 | 0.0 | 0.0 | 1112.5 |
| 12- 1|si| 5 | Tz | -258.6 | 3.6 | 0.0 | 258.7 |
| 6- 1|si| 9 | Ty | -872.6 | 0.0 | -5.2 | 872.7 |
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 48395.9 | 1310.6 | -6.2 | -37625.7 | 4.6 | 31.5 |
| 12- 1 | 10950.0 | -6839.8 | -2.9 | -8346.0 | 77.8 | -3.4 |
| 6- 1 | 48420.9 | 131.2 | -6.2 | -37565.1 | 18.8 | 32.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx | Si | -1115.2 | 0.0 | 0.0 | 1115.2 |
| 12- 1|si| 6 | Tz | -225.4 | 3.6 | 0.0 | 225.5 |
| 6- 1|si| 9 | Ty | -872.9 | 0.0 | -4.0 | 872.9 |
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PROGR. 169.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 49027.8 | 1199.7 | -6.2 | -37625.7 | 4.6 | 20.9 |
| 12- 1 | 10770.0 | -8716.0 | -2.9 | -8346.0 | 77.8 | -11.5 |
| 6- 1 | 49069.6 | -322.1 | -6.2 | -37565.1 | 18.8 | 21.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx | Si | -1116.8 | 0.0 | 0.0 | 1116.8 |
| 12- 1|si| 6 | Tz | -219.3 | 3.8 | 0.0 | 219.4 |
| 6- 1|si| 9 | Ty | -873.2 | 0.0 | -2.8 | 873.2 |
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 49404.3 | 1088.9 | -6.2 | -37625.7 | 4.6 | 10.3 |
| 12- 1 | 10393.4 | -10592.2 | -2.9 | -8346.0 | 77.8 | -19.7 |
| 8- 2 | 8892.3 | 3942.8 | -0.5 | -7999.2 | -28.5 | -33.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx | Si | -1117.1 | 0.0 | 0.0 | 1117.1 |
| 12- 1|si| 6 | Tz | -212.2 | 4.0 | 0.0 | 212.3 |
| 8- 2|si| 9 | Ty | -183.4 | 0.0 | 4.0 | 183.5 |
-----
PROGR. 0.

VERIFICA STABILITA' :
|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -37565.1|Mzeq = 49462.8|Myeq = 2137.9|Ss = -1401.3 ( 0.535)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 533- 536) 846
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 38203.6 | 1962.7 | 12.9 | -35276.6 | 10.3 | 82.9 |
| 12- 3 | 7750.0 | 2412.3 | 6.2 | -7886.4 | 60.6 | 43.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx | Si | -1021.7 | 0.0 | 0.0 | 1021.7 |
| 12- 3|si| 5 | Tz | -212.4 | 4.0 | 0.0 | 212.5 |
| 6- 1|si| 9 | Ty | -818.6 | 0.0 | -10.2 | 818.8 |
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 40075.3 | 1714.1 | 12.9 | -35276.6 | 10.3 | 72.3 |
| 12- 3 | 8692.0 | 950.3 | 6.2 | -7886.4 | 60.6 | 35.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx | Si | -1027.2 | 0.0 | 0.0 | 1027.2 |
| 12- 3|si| 5 | Tz | -220.9 | 3.8 | 0.0 | 221.0 |
| 6- 1|si| 9 | Ty | -818.7 | 0.0 | -8.9 | 818.9 |
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 41627.1 | 1552.8 | 8.8 | -35242.6 | -1.0 | 59.5 |
| 12- 3 | 9437.5 | -511.7 | 6.2 | -7886.4 | 60.6 | 26.8 |
| 6- 1 | 41691.5 | 1465.6 | 12.9 | -35276.6 | 10.3 | 61.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx | Si | -1031.6 | 0.0 | 0.0 | 1031.6 |
| 12- 3|si| 5 | Tz | -228.4 | 3.6 | 0.0 | 228.5 |
| 6- 1|si| 9 | Ty | -818.9 | 0.0 | -7.7 | 819.0 |
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 42934.4 | 1575.9 | 8.8 | -35242.6 | -1.0 | 48.9 |

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Copertura area carburante - Relazione di calcolo

12- 3	9986.6	-1973.7	6.2	-7886.4	60.6	18.7
| 6- 1|	43052.4|	1217.0|	12.9|	-35276.6|	10.3|	51.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-1037.9|	0.0|	0.0|	1037.9|
| 12- 3|si| 5|	Tz |	-235.1|	3.5|	0.0|	235.2|
| 6- 1|si| 9|	Ty |	-819.0|	0.0|	-6.5|	819.1|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	43986.3|	1598.9|	8.8|	-35242.6|	-1.0|	38.3|
| 12- 3|	10339.2|	-3435.7|	6.2|	-7886.4|	60.6|	10.5|
| 6- 1|	44157.9|	968.4|	12.9|	-35276.6|	10.3|	40.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-1043.1|	0.0|	0.0|	1043.1|
| 12- 3|si| 5|	Tz |	-240.9|	3.3|	0.0|	240.9|
| 6- 1|si| 9|	Ty |	-819.2|	0.0|	-5.3|	819.2|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	44782.8|	1621.9|	8.8|	-35242.6|	-1.0|	27.7|
| 12- 3|	10495.4|	-4897.7|	6.2|	-7886.4|	60.6|	2.4|
| 6- 1|	45007.9|	719.9|	12.9|	-35276.6|	10.3|	29.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-1047.1|	0.0|	0.0|	1047.1|
| 12- 3|si| 5|	Tz |	-245.7|	3.1|	0.0|	245.8|
| 6- 1|si| 9|	Ty |	-819.4|	0.0|	-4.0|	819.4|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45323.9|	1645.0|	8.8|	-35242.6|	-1.0|	17.1|
| 12- 3|	10455.1|	-6359.7|	6.2|	-7886.4|	60.6|	-5.7|
| 6- 1|	45602.6|	471.3|	12.9|	-35276.6|	10.3|	19.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-1049.9|	0.0|	0.0|	1049.9|
| 12- 3|si| 6|	Tz |	-213.8|	3.2|	0.0|	213.8|
| 6- 1|si| 9|	Ty |	-819.5|	0.0|	-2.8|	819.5|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45609.5|	1668.0|	8.8|	-35242.6|	-1.0|	6.5|
| 12- 3|	10218.3|	-7821.7|	6.2|	-7886.4|	60.6|	-13.9|
| 8- 2|	8437.9|	3148.9|	2.9|	-7175.0|	-24.6|	-26.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-1051.5|	0.0|	0.0|	1051.5|
| 12- 3|si| 6|	Tz |	-208.5|	3.3|	0.0|	208.6|
| 8- 2|si| 9|	Ty |	-164.7|	0.0|	3.2|	164.8|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45639.8|	1691.0|	8.8|	-35242.6|	-1.0|	-4.0|
| 12- 3|	9785.1|	-9283.7|	6.2|	-7886.4|	60.6|	-22.0|
| 8- 2|	7665.5|	3741.9|	2.9|	-7175.0|	-24.6|	-37.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-1051.9|	0.0|	0.0|	1051.9|
| 12- 3|si| 6|	Tz |	-202.4|	3.5|	0.0|	202.5|
| 8- 2|si| 9|	Ty |	-164.4|	0.0|	4.5|	164.5|

VERIFICA STABILITA` :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -35242.6|Mzeq = 45639.8|Myeq = 1691.0|Ss = -1305.5 (0.498)

P_HEB140_S006 (6) stato limite ultimo - ASTA (534- 537) 847
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45301.4|	1659.6|	-79.6|	-31998.2|	21.8|	7.3|
| 12-16|	9562.7|	12678.3|	-16.8|	-8946.9|	148.3|	31.1|
| 7- 2|	7506.7|	1165.7|	-19.1|	-7037.6|	12.2|	45.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-974.6|	0.0|	0.0|	974.6|
| 12-16|si| 5|	Tz |	-216.5|	8.2|	0.0|	216.9|
| 7- 2|si| 9|	Ty |	-162.8|	0.0|	-6.1|	163.1|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45350.9|	1133.5|	-79.6|	-31998.2|	21.8|	-3.2|
| 12-16|	10215.0|	9100.8|	-16.8|	-8946.9|	148.3|	23.0|
| 7- 2|	8472.9|	871.0|	-19.1|	-7037.6|	12.2|	34.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si|	-968.1|	0.0|	0.0|	968.1|
| 12-16|si| 5|	Tz |	-229.6|	8.0|	0.0|	230.0|
| 7- 2|si| 9|	Ty |	-163.0|	0.0|	-4.8|	163.2|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45145.1|	607.4|	-79.6|	-31998.2|	21.8|	-13.8|
12-16	10670.8	5523.2	-16.8	-8946.9	148.3	14.8

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -960.4 | 0.0 | 0.0 | 960.4 |
| 12-16|si| 5| Tz | -241.8 | 7.8 | 0.0 | 242.2 |
| 5- 1|si| 9| Ty | -743.2 | 0.0 | 5.0 | 743.3 |
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 44683.8 | 81.4 | -79.6 | -31998.2 | 21.8 | -24.4 |
| 12-16| 10930.2 | 1945.7 | -16.8 | -8946.9 | 148.3 | 6.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -951.6 | 0.0 | 0.0 | 951.6 |
| 12-16|si| 5| Tz | -253.1 | 7.7 | 0.0 | 253.4 |
| 5- 1|si| 9| Ty | -743.6 | 0.0 | 6.2 | 743.6 |
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 43967.2 | -444.7 | -79.6 | -31998.2 | 21.8 | -35.0 |
| 12-16| 10993.1 | -1631.8 | -16.8 | -8946.9 | 148.3 | -1.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -952.9 | 0.0 | 0.0 | 952.9 |
| 12-16|si| 6| Tz | -254.2 | 7.5 | 0.0 | 254.6 |
| 5- 1|si| 9| Ty | -743.9 | 0.0 | 7.4 | 744.0 |
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 42995.1 | -970.8 | -79.6 | -31998.2 | 21.8 | -45.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -955.1 | 0.0 | 0.0 | 955.1 |
| 5- 1|si| 6| Tz | -940.0 | 7.8 | 0.0 | 940.1 |
| 5- 1|si| 9| Ty | -744.2 | 0.0 | 8.7 | 744.4 |
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 41767.7 | -1496.9 | -79.6 | -31998.2 | 21.8 | -56.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -956.1 | 0.0 | 0.0 | 956.1 |
| 5- 1|si| 6| Tz | -932.9 | 8.0 | 0.0 | 933.0 |
| 5- 1|si| 9| Ty | -744.6 | 0.0 | 9.9 | 744.8 |
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 40284.8 | -2022.9 | -79.6 | -31998.2 | 21.8 | -66.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -956.0 | 0.0 | 0.0 | 956.0 |
| 5- 1|si| 6| Tz | -924.5 | 8.2 | 0.0 | 924.6 |
| 5- 1|si| 9| Ty | -744.9 | 0.0 | 11.1 | 745.2 |
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 38546.6 | -2549.0 | -79.6 | -31998.2 | 21.8 | -77.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -954.6 | 0.0 | 0.0 | 954.6 |
| 5- 1|si| 6| Tz | -915.0 | 8.5 | 0.0 | 915.1 |
| 5- 1|si| 9| Ty | -745.2 | 0.0 | 12.4 | 745.6 |
-----
PROGR. 193.

VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -31998.2 |Mzeq = 45350.9 |Myeq = -1911.7 |Ss = -1208.4 ( 0.461)

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 535- 538) 848
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 49406.3 | 1128.3 | 0.2 | -35035.4 | 7.9 | -5.9 |
| 12-14| 10197.8 | 11543.4 | 1.7 | -8136.3 | 140.5 | 27.5 |
| 8- 2| 8892.8 | 4280.2 | 1.1 | -7477.7 | 50.4 | 38.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1057.4 | 0.0 | 0.0 | 1057.4 |
| 12-14|si| 5| Tz | -203.8 | 6.7 | 0.0 | 204.1 |
| 8- 2|si| 9| Ty | -171.1 | 0.0 | -4.5 | 171.2 |
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 49135.8 | 937.2 | 0.2 | -35035.4 | 7.9 | -16.5 |
| 12-14| 10762.7 | 8154.4 | 1.7 | -8136.3 | 140.5 | 19.3 |
| 8- 2| 9686.1 | 3063.1 | 1.1 | -7477.7 | 50.4 | 27.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1053.7 | 0.0 | 0.0 | 1053.7 |
| 12-14|si| 5| Tz | -215.9 | 6.5 | 0.0 | 216.2 |
| 8- 2|si| 9| Ty | -171.8 | 0.0 | -3.3 | 171.9 |
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 48609.9 | 746.2 | 0.2 | -35035.4 | 7.9 | -27.1 |
| 12-14| 11131.1 | 4765.5 | 1.7 | -8136.3 | 140.5 | 11.2 |
| 6- 1| 48613.6 | -134.6 | -1.0 | -34940.0 | -19.9 | -28.2 |

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si| -1048.8| 0.0| 0.0| 1048.8|
| 12-14|si| 5| Tz | | -227.2| 6.3| 0.0| 227.5|
| 6- 1|si| 9| Ty | | -812.1| 0.0| 3.3| 812.1|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47828.6| 555.1| 0.2| -35035.4| 7.9| -37.7|
| 12- 3| 11145.1| -987.9| -1.7| -7804.4| -141.0| -3.1|
| 6- 1| 47804.8| 345.6| -1.0| -34940.0| -19.9| -38.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si| -1042.8| 0.0| 0.0| 1042.8|
| 12- 3|si| 5| Tz | | -235.8| -6.2| 0.0| 236.0|
| 6- 1|si| 9| Ty | | -811.8| 0.0| 4.6| 811.8|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 46740.6| 825.8| -1.0| -34940.0| -19.9| -49.4|
| 12- 3| 10972.6| 2413.0| -1.7| -7804.4| -141.0| -11.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si| -1039.0| 0.0| 0.0| 1039.0|
| 12- 3|si| 5| Tz | | -225.4| -6.4| 0.0| 225.7|
| 6- 1|si| 9| Ty | | -811.5| 0.0| 5.8| 811.5|
----- PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 45421.1| 1306.0| -1.0| -34940.0| -19.9| -60.0|
| 12- 3| 10603.6| 5813.9| -1.7| -7804.4| -141.0| -19.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si| -1039.0| 0.0| 0.0| 1039.0|
| 12- 3|si| 5| Tz | | -214.1| -6.5| 0.0| 214.4|
| 6- 1|si| 9| Ty | | -811.2| 0.0| 7.0| 811.2|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 43846.1| 1786.2| -1.0| -34940.0| -19.9| -70.6|
| 12- 3| 10038.2| 9214.8| -1.7| -7804.4| -141.0| -27.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si| -1037.8| 0.0| 0.0| 1037.8|
| 12- 3|si| 5| Tz | | -201.9| -6.7| 0.0| 202.2|
| 6- 1|si| 9| Ty | | -810.9| 0.0| 8.2| 811.0|
----- PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 42015.7| 2266.4| -1.0| -34940.0| -19.9| -81.2|
| 12- 3| 9276.2| 12615.7| -1.7| -7804.4| -141.0| -35.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si| -1035.4| 0.0| 0.0| 1035.4|
| 12- 3|si| 5| Tz | | -188.8| -6.9| 0.0| 189.1|
| 6- 1|si| 9| Ty | | -810.5| 0.0| 9.5| 810.7|
----- PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 39930.0| 2746.6| -1.0| -34940.0| -19.9| -91.7|
| 12- 3| 8317.9| 16016.6| -1.7| -7804.4| -141.0| -43.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si| -1031.9| 0.0| 0.0| 1031.9|
| 12- 3|si| 5| Tz | | -174.7| -7.1| 0.0| 175.2|
| 6- 1|si| 9| Ty | | -810.2| 0.0| 10.7| 810.5|
----- PROGR. 193.
VERIFICA STABILITA` :
|L0 = 193. |
Z |Lc = 193. |Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193. |Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -34940.0|Mzeq = 49465.0|Myeq = 2059.9|Ss = -1320.1 ( 0.504)
P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 536- 539) 849
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45639.4| 2033.6| 41.6| -31893.1| 15.1| 0.9|
| 12- 3| 9784.9| -9847.4| 11.6| -7172.7| -131.6| 24.5|
| 7- 2| 8308.4| 360.3| 16.0| -6718.8| 1.0| 39.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si| -978.5| 0.0| 0.0| 978.5|
| 12- 3|si| 6| Tz | | -184.2| -7.0| 0.0| 184.6|
| 7- 2|si| 9| Ty | | -155.9| 0.0| -5.3| 156.2|
----- PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45533.4| 1668.3| 41.6| -31893.1| 15.1| -9.7|
| 12- 3| 10277.5| -6673.6| 11.6| -7172.7| -131.6| 16.3|
| 7- 2| 9135.9| 336.1| 16.0| -6718.8| 1.0| 29.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si| -973.3| 0.0| 0.0| 973.3|
| 12- 3|si| 6| Tz | | -195.5| -6.8| 0.0| 195.8|
| 7- 2|si| 9| Ty | | -155.9| 0.0| -4.0| 156.1|
----- PROGR. 48.

```

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 45172.0 | 1303.1 | 41.6 | -31893.1 | 15.1 | -20.3 |
| 12- 3 | 10573.7 | -3499.8 | 11.6 | -7172.7 | -131.6 | 8.2 |
| 6- 1 | 45557.2 | 485.9 | 44.4 | -32021.9 | -14.0 | -20.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si| -967.0 | 0.0 | 0.0 | 967.0 |
| 12- 3|si| 6| Tz | -205.8 | -6.6 | 0.0 | 206.1 |
| 6- 1|si| 9| Ty | -743.9 | 0.0 | 4.2 | 743.9 |
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 44940.2 | 824.3 | 44.4 | -32021.9 | -14.0 | -30.9 |
| 12- 3 | 10673.4 | -326.0 | 11.6 | -7172.7 | -131.6 | 0.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -962.8 | 0.0 | 0.0 | 962.8 |
| 12- 3|si| 6| Tz | -215.2 | -6.4 | 0.0 | 215.5 |
| 6- 1|si| 9| Ty | -743.6 | 0.0 | 5.5 | 743.7 |
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 44067.7 | 1162.8 | 44.4 | -32021.9 | -14.0 | -41.5 |
| 12- 3 | 10576.6 | 2847.8 | 11.6 | -7172.7 | -131.6 | -8.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -963.1 | 0.0 | 0.0 | 963.1 |
| 12- 3|si| 5| Tz | -207.6 | -6.6 | 0.0 | 208.0 |
| 6- 1|si| 9| Ty | -743.4 | 0.0 | 6.7 | 743.5 |
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 42939.8 | 1501.2 | 44.4 | -32021.9 | -14.0 | -52.0 |
| 12- 3 | 10283.4 | 6021.6 | 11.6 | -7172.7 | -131.6 | -16.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -962.2 | 0.0 | 0.0 | 962.2 |
| 12- 3|si| 5| Tz | -197.3 | -6.8 | 0.0 | 197.7 |
| 6- 1|si| 9| Ty | -743.2 | 0.0 | 7.9 | 743.3 |
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 41556.5 | 1839.7 | 44.4 | -32021.9 | -14.0 | -62.6 |
| 12- 3 | 9793.8 | 9195.4 | 11.6 | -7172.7 | -131.6 | -24.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -960.1 | 0.0 | 0.0 | 960.1 |
| 12- 3|si| 5| Tz | -186.1 | -7.0 | 0.0 | 186.5 |
| 6- 1|si| 9| Ty | -743.0 | 0.0 | 9.2 | 743.2 |
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 39917.8 | 2178.1 | 44.4 | -32021.9 | -14.0 | -73.2 |
| 12- 3 | 9107.6 | 12369.2 | 11.6 | -7172.7 | -131.6 | -32.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -956.8 | 0.0 | 0.0 | 956.8 |
| 12- 3|si| 5| Tz | -174.0 | -7.2 | 0.0 | 174.4 |
| 6- 1|si| 9| Ty | -742.8 | 0.0 | 10.4 | 743.0 |
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 38023.8 | 2516.5 | 44.4 | -32021.9 | -14.0 | -83.8 |
| 12- 3 | 8225.0 | 15543.0 | 11.6 | -7172.7 | -131.6 | -40.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -952.3 | 0.0 | 0.0 | 952.3 |
| 12- 3|si| 5| Tz | -161.0 | -7.4 | 0.0 | 161.5 |
| 6- 1|si| 9| Ty | -742.6 | 0.0 | 11.6 | 742.8 |
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 38560.6 | -2986.1 | -132.7 | -27480.5 | -58.3 | -8.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -855.3 | 0.0 | 0.0 | 855.3 |
| 5- 1|si| 5| Tz | -825.6 | -12.3 | 0.0 | 825.9 |
| 5- 1|si| 9| Ty | -640.5 | 0.0 | 6.6 | 640.6 |
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 38237.7 | -1578.5 | -132.7 | -27480.5 | -58.3 | -18.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -835.8 | 0.0 | 0.0 | 835.8 |
| 5- 1|si| 5| Tz | -820.2 | -12.5 | 0.0 | 820.5 |
| 5- 1|si| 9| Ty | -639.6 | 0.0 | 7.8 | 639.8 |
-----
PROGR. 48.

```

VERIFICA STABILITA` :

```

|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -32021.9|Mzeq = 46025.2|Myeq = 1887.4|Ss = -1212.1 ( 0.463)

```

```

P_HEB140_S006 ( 6) stato limite ultimo - ASTA ( 537- 540) 850
-----
PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 38560.6 | -2986.1 | -132.7 | -27480.5 | -58.3 | -8.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -855.3 | 0.0 | 0.0 | 855.3 |
| 5- 1|si| 5| Tz | -825.6 | -12.3 | 0.0 | 825.9 |
| 5- 1|si| 9| Ty | -640.5 | 0.0 | 6.6 | 640.6 |
-----
PROGR. 24.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 38237.7 | -1578.5 | -132.7 | -27480.5 | -58.3 | -18.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |Si| -835.8 | 0.0 | 0.0 | 835.8 |
| 5- 1|si| 5| Tz | -820.2 | -12.5 | 0.0 | 820.5 |
| 5- 1|si| 9| Ty | -639.6 | 0.0 | 7.8 | 639.8 |
-----
PROGR. 48.

```

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	37801.3	1445.1	-131.7	-27508.8	-33.5	-29.1
5- 1	37659.3	-170.8	-132.7	-27480.5	-58.3	-29.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-832.8	0.0	0.0	832.8
5- 1	si	5	Tz	-813.5	-12.8	0.0	813.8	
5- 1	si	9	Ty	-638.7	0.0	9.0	638.9	

----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	36970.4	2252.8	-131.7	-27508.8	-33.5	-39.7
5- 1	36825.6	1236.8	-132.7	-27480.5	-58.3	-39.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-839.2	0.0	0.0	839.2
5- 1	si	5	Tz	-805.7	-13.0	0.0	806.0	
5- 1	si	9	Ty	-637.8	0.0	10.2	638.1	

----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	35884.1	3060.6	-131.7	-27508.8	-33.5	-50.3
5- 1	35736.5	2644.4	-132.7	-27480.5	-58.3	-50.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-844.5	0.0	0.0	844.5
5- 1	si	5	Tz	-796.7	-13.3	0.0	797.0	
5- 1	si	9	Ty	-637.0	0.0	11.5	637.3	

----- PROGR. 121.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 34392.0 | 4052.1 | -132.7 | -27480.5 | -58.3 | -61.0 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-849.5	0.0	0.0	849.5
5- 1	si	5	Tz	-786.5	-13.5	0.0	786.8	
5- 1	si	9	Ty	-636.1	0.0	12.7	636.4	

----- PROGR. 145.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 32792.1 | 5459.7 | -132.7 | -27480.5 | -58.3 | -71.6 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-860.0	0.0	0.0	860.0
5- 1	si	5	Tz	-775.1	-13.8	0.0	775.5	
5- 1	si	9	Ty	-635.2	0.0	13.9	635.6	

----- PROGR. 169.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 30936.8 | 6867.3 | -132.7 | -27480.5 | -58.3 | -82.2 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-869.4	0.0	0.0	869.4
5- 1	si	5	Tz	-762.6	-14.0	0.0	762.9	
5- 1	si	9	Ty	-634.3	0.0	15.2	634.8	

----- PROGR. 193.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 28826.1 | 8275.0 | -132.7 | -27480.5 | -58.3 | -92.8 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-877.5	0.0	0.0	877.5
5- 1	si	5	Tz	-748.8	-14.2	0.0	749.2	
5- 1	si	9	Ty	-633.4	0.0	16.4	634.0	

 VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 5.93 |lm = 32.6 |Ncr= 840959.4 |alfa(b)=0.3400 |ki=0.9358 |
 Y |Lc = 193. |Ro = 3.57 |lm = 54.0 |Ncr= 305877.6 |alfa(c)=0.4900 |ki=0.7723 |
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -27480.5 |Mzeq = 38560.6 |Myeq = 6206.2 |Ss = -1098.4 (0.419)

P_HEB140_S006 (6) stato limite ultimo - ASTA (538- 541) 851
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	39933.8	2727.3	4.9	-25440.9	11.6	-28.0
12-14	9216.7	-15831.9	4.0	-7063.6	-167.5	12.6
5- 1	40094.9	-248.7	6.7	-25799.8	-14.4	-29.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-810.9	0.0	0.0	810.9
12-14	si	6	Tz	-162.2	-7.7	0.0	162.7	
5- 1	si	9	Ty	-599.7	0.0	3.7	599.8	

----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	39129.8	2447.0	4.9	-25440.9	11.6	-38.6
12-14	9423.1	-11789.8	4.0	-7063.6	-167.5	4.5
5- 1	39255.4	99.4	6.7	-25799.8	-14.4	-40.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-803.6	0.0	0.0	803.6
12-14	si	6	Tz	-174.6	-7.5	0.0	175.0	
5- 1	si	9	Ty	-599.5	0.0	4.9	599.6	

----- PROGR. 48.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	38070.3|	2166.7|	4.9|	-25440.9|	11.6|	-49.2|
12-14|	9433.0|	-7747.8|	4.0|	-7063.6|	-167.5|	-3.7|
5- 1|	38160.5|	447.4|	6.7|	-25799.8|	-14.4|	-50.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx			Si|	-795.2|	0.0|	0.0|	795.2|
12-14|si| 5|	Tz			-229.7|	-7.5|	0.0|	230.1|
5- 1|si| 9|	Ty			-599.3|	0.0|	6.2|	599.4|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	36755.5|	1886.4|	4.9|	-25440.9|	11.6|	-59.8|
12-14|	9246.4|	-3705.7|	4.0|	-7063.6|	-167.5|	-11.8|
5- 1|	36810.3|	795.5|	6.7|	-25799.8|	-14.4|	-61.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx			Si|	-785.5|	0.0|	0.0|	785.5|
12-14|si| 5|	Tz			-217.4|	-7.7|	0.0|	217.8|
5- 1|si| 9|	Ty			-599.1|	0.0|	7.4|	599.2|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	35204.6|	1143.6|	6.7|	-25799.8|	-14.4|	-71.8|
12-14|	8863.4|	336.4|	4.0|	-7063.6|	-167.5|	-19.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-777.2|	0.0|	0.0|	777.2|
12-14|si| 5|	Tz			-204.3|	-7.9|	0.0|	204.7|
5- 1|si| 9|	Ty			-598.8|	0.0|	8.6|	599.0|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	33343.6|	1491.6|	6.7|	-25799.8|	-14.4|	-82.4|
12-14|	8284.0|	4378.4|	4.0|	-7063.6|	-167.5|	-28.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-773.0|	0.0|	0.0|	773.0|
12-14|si| 5|	Tz			-190.2|	-8.0|	0.0|	190.7|
5- 1|si| 9|	Ty			-598.6|	0.0|	9.9|	598.9|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	31227.1|	1839.7|	6.7|	-25799.8|	-14.4|	-93.0|
12-14|	7508.0|	8420.5|	4.0|	-7063.6|	-167.5|	-36.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-767.6|	0.0|	0.0|	767.6|
12-14|si| 5|	Tz			-175.2|	-8.2|	0.0|	175.8|
5- 1|si| 9|	Ty			-598.4|	0.0|	11.1|	598.7|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	28855.3|	2187.8|	6.7|	-25799.8|	-14.4|	-103.6|
12-14|	6535.6|	12462.5|	4.0|	-7063.6|	-167.5|	-44.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-761.1|	0.0|	0.0|	761.1|
12-14|si| 5|	Tz			-159.3|	-8.4|	0.0|	160.0|
5- 1|si| 9|	Ty			-598.2|	0.0|	12.3|	598.6|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	26228.0|	2535.9|	6.7|	-25799.8|	-14.4|	-114.2|
12-14|	5366.8|	16504.6|	4.0|	-7063.6|	-167.5|	-52.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-753.3|	0.0|	0.0|	753.3|
12-14|si| 5|	Tz			-142.5|	-8.6|	0.0|	143.3|
5- 1|si| 9|	Ty			-598.0|	0.0|	13.6|	598.4|

----- VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr = 840959.4|alfa(b) = 0.3400|ki = 0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr = 305877.6|alfa(c) = 0.4900|ki = 0.7723|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -25799.8|Mzeq = 40094.9|Myeq = 1901.9|Ss = -994.4 (0.380)

P_HEB140_S006 (6) stato limite ultimo - ASTA (539- 542) 852
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	38022.4|	2781.9|	71.2|	-27521.3|	26.7|	2.1|
12- 3|	8224.7|	15861.6|	13.7|	-5245.7|	165.6|	16.9|
8- 2|	7137.9|	-5376.1|	19.1|	-6087.8|	-51.1|	29.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx			Si|	-851.1|	0.0|	0.0|	851.1|
12- 3|si| 5|	Tz			-115.3|	8.4|	0.0|	116.2|
8- 2|si| 9|	Ty			-144.9|	0.0|	-4.3|	145.1|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	37944.8|	2137.0|	71.2|	-27521.3|	26.7|	-8.5|
12- 3|	8535.0|	11865.6|	13.7|	-5245.7|	165.6|	8.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx			Si|	-842.5|	0.0|	0.0|	842.5|

Copertura area carburante - Relazione di calcolo

| 12- 3|si| 5|	Tz	|	-128.0|	8.2|	0.0|	128.8|		
| 6- 1|si| 9|	Ty	|	-638.2|	0.0|	4.0|	638.3|		
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	37611.8|		1492.2|		71.2|		-27521.3|	
| 12- 3|	8648.8|		7869.6|		13.7|		-5245.7|	
| 12- 3|							165.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si	|	-832.8|		0.0|		0.0|	
| 12- 3|si| 5|	Tz	|	-139.8|		8.0|		0.0|	
| 6- 1|si| 9|	Ty	|	-638.6|		0.0|		5.2|	
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	37023.3|		847.3|		71.2|		-27521.3|	
| 12- 3|	8566.1|		3873.6|		13.7|		-5245.7|	
| 12- 3|							165.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si	|	-821.8|		0.0|		0.0|	
| 12- 3|si| 6|	Tz	|	-172.5|		8.2|		0.0|	
| 6- 1|si| 9|	Ty	|	-639.0|		0.0|		6.5|	
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	36039.4|		-320.1|		71.6|		-27718.4|	
| 12- 3|	8287.0|		-122.3|		13.7|		-5245.7|	
| 6- 1|	36179.5|		202.5|		71.2|		-27521.3|	
| 12- 3|							165.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-815.2|		0.0|		0.0|	
| 12- 3|si| 6|	Tz	|	-159.9|		8.4|		0.0|	
| 6- 1|si| 9|	Ty	|	-639.5|		0.0|		7.7|	
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	35001.1|		-328.3|		71.6|		-27718.4|	
| 12- 3|	7811.4|		-4118.3|		13.7|		-5245.7|	
| 6- 1|	35080.3|		-442.4|		71.2|		-27521.3|	
| 12- 3|							165.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-810.5|		0.0|		0.0|	
| 12- 3|si| 6|	Tz	|	-146.5|		8.6|		0.0|	
| 6- 1|si| 9|	Ty	|	-639.9|		0.0|		8.9|	
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	33725.7|		-1087.2|		71.2|		-27521.3|	
| 12- 3|	7139.3|		-8114.3|		13.7|		-5245.7|	
| 12- 3|							165.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx	Si	|	-809.6|		0.0|		0.0|	
| 12- 3|si| 6|	Tz	|	-132.1|		8.8|		0.0|	
| 6- 1|si| 9|	Ty	|	-640.3|		0.0|		10.2|	
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	32115.7|		-1732.1|		71.2|		-27521.3|	
| 12- 3|	6270.8|		-12110.3|		13.7|		-5245.7|	
| 12- 3|							165.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx	Si	|	-810.4|		0.0|		0.0|	
| 12- 3|si| 6|	Tz	|	-116.8|		8.9|		0.0|	
| 6- 1|si| 9|	Ty	|	-640.7|		0.0|		11.4|	
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	30250.3|		-2376.9|		71.2|		-27521.3|	
| 12- 3|	5205.9|		-16106.3|		13.7|		-5245.7|	
| 12- 3|							165.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx	Si	|	-810.0|		0.0|		0.0|	
| 12- 3|si| 6|	Tz	|	-100.6|		9.1|		0.0|	
| 6- 1|si| 9|	Ty	|	-641.1|		0.0|		12.6|	
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	28849.7|		8467.3|		0.0|		-15297.6|	
| 6- 1|	29008.0|		6740.8|		0.0|		-15430.0|	
| 6- 1|							34.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 2|Sx	Si	|	-596.9|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	-513.0|		4.3|		0.0|	
| 6- 1|si| 9|	Ty	|	-354.3|		0.0|		12.5|	
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	26137.4|		7408.9|		0.0|		-15297.6|	
| 6- 1|	26275.9|		5898.2|		0.0|		-15430.0|	
| 6- 1|							34.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 2|Sx	Si	|	-596.9|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	-513.0|		4.3|		0.0|	
| 6- 1|si| 9|	Ty	|	-354.3|		0.0|		12.5|	
-----							PROGR.	24.

VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -27521.3|Mzeq = 38022.4|Myeq = 2086.4|Ss = -1039.4 (0.397)

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 PROGR. 0.

SOLLECITAZIONI :								
Caso	MZ		MY		MT		N	
5- 1	28849.7		8467.3		0.0		-15297.6	
6- 1	29008.0		6740.8		0.0		-15430.0	
| 6- 1|							34.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 2|Sx	Si	|	-596.9|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	-513.0|		4.3|		0.0|	
| 6- 1|si| 9|	Ty	|	-354.3|		0.0|		12.5|	
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	26137.4|		7408.9|		0.0|		-15297.6|	
| 6- 1|	26275.9|		5898.2|		0.0|		-15430.0|	
| 6- 1|							34.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 2|Sx	Si	|	-596.9|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	-513.0|		4.3|		0.0|	
6- 1 si 9	Ty		-354.3		0.0		12.5	
-----							PROGR.	24.

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -570.9| 0.0| 0.0| 570.9|
| 5- 1|si| 6| Tz | | -497.5| 4.6| 0.0| 497.5|
| 6- 1|si| 9| Ty | | -354.8| 0.0| 13.8| 355.6|
-----
PROGR. 48.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 23169.6| 6350.5| 0.0| -15297.6| 43.9| -128.3|
| 6- 1| 23288.4| 5055.6| 0.0| -15430.0| 34.9| -129.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -543.7| 0.0| 0.0| 543.7|
| 5- 1|si| 6| Tz | | -480.7| 4.8| 0.0| 480.8|
| 6- 1|si| 9| Ty | | -355.4| 0.0| 15.0| 356.3|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19946.5| 5292.1| 0.0| -15297.6| 43.9| -138.9|
| 6- 1| 20045.5| 4213.0| 0.0| -15430.0| 34.9| -139.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -515.3| 0.0| 0.0| 515.3|
| 5- 1|si| 6| Tz | | -462.8| 5.1| 0.0| 462.9|
| 6- 1|si| 9| Ty | | -355.9| 0.0| 16.2| 357.0|
-----
PROGR. 96.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16468.0| 4233.6| 0.0| -15297.6| 43.9| -149.5|
| 6- 1| 16547.2| 3370.4| 0.0| -15430.0| 34.9| -150.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -485.7| 0.0| 0.0| 485.7|
| 5- 1|si| 6| Tz | | -443.7| 5.3| 0.0| 443.8|
| 6- 1|si| 9| Ty | | -356.4| 0.0| 17.5| 357.7|
-----
PROGR. 121.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 12734.1| 3175.2| 0.0| -15297.6| 43.9| -160.1|
| 6- 1| 12793.5| 2527.8| 0.0| -15430.0| 34.9| -160.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -454.9| 0.0| 0.0| 454.9|
| 5- 1|si| 6| Tz | | -423.4| 5.6| 0.0| 423.5|
| 6- 1|si| 9| Ty | | -357.0| 0.0| 18.7| 358.4|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 8744.8| 2116.8| 0.0| -15297.6| 43.9| -170.7|
| 6- 1| 8784.4| 1685.2| 0.0| -15430.0| 34.9| -171.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -423.0| 0.0| 0.0| 423.0|
| 5- 1|si| 6| Tz | | -402.0| 5.8| 0.0| 402.1|
| 6- 1|si| 9| Ty | | -357.5| 0.0| 19.9| 359.2|
-----
PROGR. 169.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 4519.9| 842.6| 0.0| -15430.0| 34.9| -182.1|
| 5- 1| 4500.1| 1058.4| 0.0| -15297.6| 43.9| -181.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -390.2| 0.0| 0.0| 390.2|
| 5- 1|si| 6| Tz | | -379.3| 6.0| 0.0| 379.5|
| 6- 1|si| 9| Ty | | -358.0| 0.0| 21.2| 359.9|
-----
PROGR. 193.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -15430.0| 34.9| -192.6|
| 5- 1| 0.0| 0.0| 0.0| -15297.6| 43.9| -191.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -358.6| 0.0| 0.0| 358.6|
| 5- 1|si| 6| Tz | | -355.5| 6.3| 0.0| 355.7|
| 6- 1|si| 9| TySi | | -358.6| 0.0| 22.4| 360.7|
-----
PROGR. 193.

VERIFICA STABILITA` :
|L0 = 193.1
Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -15297.6|Mzeq = 21637.3|Myeq = 6350.5|Ss = -647.5 ( 0.247)

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-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 26231.5| 3168.6| 0.0| -14276.1| 16.4| -93.6|
| 12-16| 5667.4| 16667.0| 0.0| -4259.1| 86.4| 3.2|
| 6- 1| 26353.7| 1144.6| 0.0| -13893.1| 5.9| -94.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -493.6| 0.0| 0.0| 493.6|
| 12-16|si| 5| Tz | | -78.2| 3.7| 0.0| 78.5|
| 6- 1|si| 9| Ty | | -322.1| 0.0| 10.9| 322.7|
-----
PROGR. 24.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

5- 1	23846.4	2772.5	0.0	-14276.1	16.4	-104.2
| 12-16|	5646.6|	14583.6|	0.0|	-4259.1|	86.4|	-4.9|
| 6- 1|	23953.4|	1001.5|	0.0|	-13893.1|	5.9|	-104.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-477.5|	0.0|	0.0|	477.5|
| 12-16|si| 6|	Tz |	-166.3|	3.8|	0.0|	166.4|
| 6- 1|si| 9|	Ty |	-322.2|	0.0|	12.2|	322.9|

PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	21206.0|	2376.4|	0.0|	-14276.1|	16.4|	-114.7|
| 12-16|	5429.3|	12500.3|	0.0|	-4259.1|	86.4|	-13.1|
| 6- 1|	21297.7|	858.4|	0.0|	-13893.1|	5.9|	-115.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-460.2|	0.0|	0.0|	460.2|
| 12-16|si| 6|	Tz |	-159.4|	4.0|	0.0|	159.5|
| 6- 1|si| 9|	Ty |	-322.3|	0.0|	13.4|	323.2|

PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18310.1|	1980.3|	0.0|	-14276.1|	16.4|	-125.3|
| 12-16|	5015.6|	10416.9|	0.0|	-4259.1|	86.4|	-21.2|
| 6- 1|	18386.6|	715.4|	0.0|	-13893.1|	5.9|	-126.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-441.8|	0.0|	0.0|	441.8|
| 12-16|si| 6|	Tz |	-151.6|	4.1|	0.0|	151.8|
| 6- 1|si| 9|	Ty |	-322.4|	0.0|	14.6|	323.4|

PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	15158.9|	1584.3|	0.0|	-14276.1|	16.4|	-135.9|
| 12-16|	4405.4|	8333.5|	0.0|	-4259.1|	86.4|	-29.4|
| 6- 1|	15220.0|	572.3|	0.0|	-13893.1|	5.9|	-136.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-422.2|	0.0|	0.0|	422.2|
| 12-16|si| 6|	Tz |	-142.9|	4.3|	0.0|	143.1|
| 6- 1|si| 9|	Ty |	-322.5|	0.0|	15.9|	323.7|

PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	11752.3|	1188.2|	0.0|	-14276.1|	16.4|	-146.5|
| 12-16|	3598.7|	6250.1|	0.0|	-4259.1|	86.4|	-37.5|
| 6- 1|	11798.1|	429.2|	0.0|	-13893.1|	5.9|	-147.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-401.3|	0.0|	0.0|	401.3|
| 12-16|si| 6|	Tz |	-133.3|	4.5|	0.0|	133.5|
| 6- 1|si| 9|	Ty |	-322.6|	0.0|	17.1|	324.0|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	8090.2|	792.1|	0.0|	-14276.1|	16.4|	-157.1|
| 12-16|	2595.6|	4166.8|	0.0|	-4259.1|	86.4|	-45.7|
| 6- 1|	8120.8|	286.1|	0.0|	-13893.1|	5.9|	-157.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-379.3|	0.0|	0.0|	379.3|
| 12-16|si| 6|	Tz |	-122.8|	4.7|	0.0|	123.0|
| 6- 1|si| 9|	Ty |	-322.7|	0.0|	18.3|	324.2|

PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	4172.8|	396.1|	0.0|	-14276.1|	16.4|	-167.7|
| 12-16|	1396.0|	2083.4|	0.0|	-4259.1|	86.4|	-53.8|
| 6- 1|	4188.1|	143.1|	0.0|	-13893.1|	5.9|	-168.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-356.1|	0.0|	0.0|	356.1|
| 12-16|si| 6|	Tz |	-111.3|	4.9|	0.0|	111.6|
| 6- 1|si| 9|	Ty |	-322.8|	0.0|	19.6|	324.6|

PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-14276.1|	16.4|	-178.3|
| 12-16|	0.0|	0.0|	0.0|	-4259.1|	86.4|	-61.9|
| 6- 1|	0.0|	0.0|	0.0|	-13893.1|	5.9|	-178.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	-331.8|	0.0|	0.0|	331.8|
| 12-16|si| 6|	Tz |	-99.0|	5.1|	0.0|	99.4|
| 6- 1|si| 9|	Ty |	-322.9|	0.0|	20.8|	324.9|
| 5- 1|si| 9|	Si |	-331.8|	0.0|	20.7|	333.7|

VERIFICA STABILITA' :

|L0 = 193.1
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -14276.1|Mzeq = 19673.6|Myeq = 2376.4|Ss = -554.0 (0.212)

P_HEB140_S006 (6) stato limite ultimo - ASTA (542- 545) 855
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

6- 1	30249.3	-1896.3	0.0	-14744.9	-9.8	-114.4
| 12- 1|	5215.3|	-15868.4|	0.0|	-2389.4|	-82.2|	5.6|
| 5- 1|	30352.6|	311.8|	0.0|	-14843.7|	1.6|	-114.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-506.9|	0.0|	0.0|	506.9|
| 12- 1|si| 6| Tz |		-34.9|	-3.6|	0.0|	35.5|
| 5- 1|si| 9| Ty |		-344.8|	0.0|	13.4|	345.5|

PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	27362.0|	-1659.3|	0.0|	-14744.9|	-9.8|	-125.0|
| 12- 1|	5251.0|	-13884.8|	0.0|	-2389.4|	-82.2|	-2.6|
| 5- 1|	27452.4|	272.9|	0.0|	-14843.7|	1.6|	-125.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-490.5|	0.0|	0.0|	490.5|
| 12- 1|si| 5| Tz |		-119.0|	-3.5|	0.0|	119.2|
| 5- 1|si| 9| Ty |		-344.8|	0.0|	14.6|	345.7|

PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	24219.3|	-1422.2|	0.0|	-14744.9|	-9.8|	-135.6|
| 12- 1|	5090.2|	-11901.3|	0.0|	-2389.4|	-82.2|	-10.7|
| 5- 1|	24296.8|	233.9|	0.0|	-14843.7|	1.6|	-136.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-472.9|	0.0|	0.0|	472.9|
| 12- 1|si| 5| Tz |		-112.7|	-3.7|	0.0|	112.8|
| 5- 1|si| 9| Ty |		-344.8|	0.0|	15.8|	345.9|

PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	20821.3|	-1185.2|	0.0|	-14744.9|	-9.8|	-146.1|
| 12- 1|	4733.0|	-9917.7|	0.0|	-2389.4|	-82.2|	-18.9|
| 5- 1|	20885.9|	194.9|	0.0|	-14843.7|	1.6|	-146.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-454.2|	0.0|	0.0|	454.2|
| 12- 1|si| 5| Tz |		-105.4|	-3.9|	0.0|	105.6|
| 5- 1|si| 9| Ty |		-344.8|	0.0|	17.0|	346.1|

PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17167.8|	-948.2|	0.0|	-14744.9|	-9.8|	-156.7|
| 12- 1|	4179.3|	-7934.2|	0.0|	-2389.4|	-82.2|	-27.0|
| 5- 1|	17219.5|	155.9|	0.0|	-14843.7|	1.6|	-157.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-434.3|	0.0|	0.0|	434.3|
| 12- 1|si| 5| Tz |		-97.3|	-4.1|	0.0|	97.5|
| 5- 1|si| 9| Ty |		-344.9|	0.0|	18.3|	346.3|

PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13258.9|	-711.1|	0.0|	-14744.9|	-9.8|	-167.3|
| 12- 1|	3429.2|	-5950.6|	0.0|	-2389.4|	-82.2|	-35.2|
| 5- 1|	13297.7|	116.9|	0.0|	-14843.7|	1.6|	-167.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-413.1|	0.0|	0.0|	413.1|
| 12- 1|si| 5| Tz |		-88.2|	-4.3|	0.0|	88.5|
| 5- 1|si| 9| Ty |		-344.9|	0.0|	19.5|	346.5|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	9094.7|	-474.1|	0.0|	-14744.9|	-9.8|	-177.9|
| 5- 1|	9120.5|	78.0|	0.0|	-14843.7|	1.6|	-178.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-390.8|	0.0|	0.0|	390.8|
| 6- 1|si| 5| Tz |		-386.1|	-4.5|	0.0|	386.2|
| 5- 1|si| 9| Ty |		-344.9|	0.0|	20.7|	346.8|

PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	4675.0|	-237.0|	0.0|	-14744.9|	-9.8|	-188.5|
| 5- 1|	4688.0|	39.0|	0.0|	-14843.7|	1.6|	-189.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-367.3|	0.0|	0.0|	367.3|
| 6- 1|si| 5| Tz |		-365.0|	-4.8|	0.0|	365.1|
| 5- 1|si| 9| Ty |		-344.9|	0.0|	22.0|	347.0|

PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-14843.7|	1.6|	-199.6|
| 6- 1|	0.0|	0.0|	0.0|	-14744.9|	-9.8|	-199.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	-345.0|	0.0|	0.0|	345.0|
| 6- 1|si| 5| Tz |		-342.7|	-5.0|	0.0|	342.8|
| 5- 1|si| 9| TySi |		-345.0|	0.0|	23.2|	347.3|

VERIFICA STABILITA` :

|L0 = 193.1|
 Z |Lc = 193.1|Ro = 5.93|lm = 32.6|Ncr= 840959.4|alfa(b)=0.3400|ki=0.9358|
 Y |Lc = 193.1|Ro = 3.57|lm = 54.0|Ncr= 305877.6|alfa(c)=0.4900|ki=0.7723|

Copertura area carburante - Relazione di calcolo

Caso 6- 1 - Nodo 1 - Asse Y

Ned = -14744.9|Mzeq = 22686.9|Myeq = -1422.2|Ss = -569.7 (0.218)

P_IPE80_S008 (8) stato limite ultimo - ASTA (3- 4) 2
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4151.6	0.0	0.0
8- 1	0.0	0.0	0.0	-3810.5	0.0	0.0
7- 1	0.0	0.0	0.0	-3213.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-542.2	0.0	0.0	542.2
8- 1	si	5	Tz		-497.7	0.0	0.0	497.7
7- 1	si	9	Ty		-419.7	0.0	0.0	419.7

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4150.7	0.0	0.0
8- 1	0.0	0.0	0.0	-3809.6	0.0	0.0
7- 1	0.0	0.0	0.0	-3212.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-542.1	0.0	0.0	542.1
8- 1	si	5	Tz		-497.6	0.0	0.0	497.6
7- 1	si	9	Ty		-419.6	0.0	0.0	419.6

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4149.9	0.0	0.0
8- 1	0.0	0.0	0.0	-3808.8	0.0	0.0
7- 1	0.0	0.0	0.0	-3211.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-542.0	0.0	0.0	542.0
8- 1	si	5	Tz		-497.5	0.0	0.0	497.5
7- 1	si	9	Ty		-419.4	0.0	0.0	419.4

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4149.0	0.0	0.0
8- 1	0.0	0.0	0.0	-3807.9	0.0	0.0
7- 1	0.0	0.0	0.0	-3210.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-541.9	0.0	0.0	541.9
8- 1	si	5	Tz		-497.4	0.0	0.0	497.4
7- 1	si	9	Ty		-419.3	0.0	0.0	419.3

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4148.2	0.0	0.0
8- 1	0.0	0.0	0.0	-3807.1	0.0	0.0
7- 1	0.0	0.0	0.0	-3209.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-541.8	0.0	0.0	541.8
8- 1	si	5	Tz		-497.3	0.0	0.0	497.3
7- 1	si	9	Ty		-419.2	0.0	0.0	419.2

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4147.3	0.0	0.0
8- 1	0.0	0.0	0.0	-3806.2	0.0	0.0
7- 1	0.0	0.0	0.0	-3208.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-541.7	0.0	0.0	541.7
8- 1	si	5	Tz		-497.1	0.0	0.0	497.1
7- 1	si	9	Ty		-419.1	0.0	0.0	419.1

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4146.5	0.0	0.0
8- 1	0.0	0.0	0.0	-3805.4	0.0	0.0
7- 1	0.0	0.0	0.0	-3207.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-541.6	0.0	0.0	541.6
8- 1	si	5	Tz		-497.0	0.0	0.0	497.0
7- 1	si	9	Ty		-419.0	0.0	0.0	419.0

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4145.6	0.0	0.0
8- 1	0.0	0.0	0.0	-3804.5	0.0	0.0
7- 1	0.0	0.0	0.0	-3207.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-541.5	0.0	0.0	541.5
8- 1	si	5	Tz		-496.9	0.0	0.0	496.9
7- 1	si	9	Ty		-418.9	0.0	0.0	418.9

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4144.8	0.0	0.0
8- 1	0.0	0.0	0.0	-3803.7	0.0	0.0
7- 1	0.0	0.0	0.0	-3206.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
------	----	----	---------	----	----	----	----

Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 3|Sx  Si| -541.4| 0.0| 0.0| 541.4|
| 8- 1|si| 5| Tz  | -496.8| 0.0| 0.0| 496.8|
| 7- 1|si| 9| Ty  | -418.8| 0.0| 0.0| 418.8|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -4151.6|Mzeq = 0.0|Myeq = 0.0|Ss = -873.3 ( 0.333)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 5- 6) 3
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3096.8| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1061.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2762.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -404.5| 0.0| 0.0| 404.5|
| 12-11|si| 5| Tz | -138.7| 0.0| 0.0| 138.7|
| 5- 1|si| 9| Ty | -360.9| 0.0| 0.0| 360.9|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3096.0| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1060.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2761.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -404.4| 0.0| 0.0| 404.4|
| 12-11|si| 5| Tz | -138.6| 0.0| 0.0| 138.6|
| 5- 1|si| 9| Ty | -360.7| 0.0| 0.0| 360.7|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3095.1| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1060.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2761.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -404.3| 0.0| 0.0| 404.3|
| 12-11|si| 5| Tz | -138.5| 0.0| 0.0| 138.5|
| 5- 1|si| 9| Ty | -360.6| 0.0| 0.0| 360.6|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3094.3| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1059.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2760.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -404.2| 0.0| 0.0| 404.2|
| 12-11|si| 5| Tz | -138.4| 0.0| 0.0| 138.4|
| 5- 1|si| 9| Ty | -360.5| 0.0| 0.0| 360.5|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3093.4| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1059.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2759.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -404.0| 0.0| 0.0| 404.0|
| 12-11|si| 5| Tz | -138.3| 0.0| 0.0| 138.3|
| 5- 1|si| 9| Ty | -360.4| 0.0| 0.0| 360.4|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3092.6| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1058.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2758.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -403.9| 0.0| 0.0| 403.9|
| 12-11|si| 5| Tz | -138.2| 0.0| 0.0| 138.2|
| 5- 1|si| 9| Ty | -360.3| 0.0| 0.0| 360.3|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3091.7| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1057.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2757.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -403.8| 0.0| 0.0| 403.8|
| 12-11|si| 5| Tz | -138.1| 0.0| 0.0| 138.1|
| 5- 1|si| 9| Ty | -360.2| 0.0| 0.0| 360.2|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3090.9| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1057.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2756.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -403.7| 0.0| 0.0| 403.7|

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Copertura area carburante - Relazione di calcolo

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| 12-11|si| 5| Tz | -138.1| 0.0| 0.0| 138.1|
| 5- 1|si| 9| Ty | -360.1| 0.0| 0.0| 360.1|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3090.0| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -1056.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2756.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -403.6| 0.0| 0.0| 403.6|
| 12-11|si| 5| Tz | | -138.0| 0.0| 0.0| 138.0|
| 5- 1|si| 9| Ty | | -360.0| 0.0| 0.0| 360.0|
-----
VERIFICA STABILITA` :
L0 = 88.
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -3096.8|Mzeq = 0.0|Myeq = 0.0|Ss = -651.4 ( 0.249)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 7- 8) 4
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2041.7| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -757.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1706.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -266.7| 0.0| 0.0| 266.7|
| 12-11|si| 5| Tz | | -98.9| 0.0| 0.0| 98.9|
| 5- 1|si| 9| Ty | | -222.9| 0.0| 0.0| 222.9|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2040.8| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -756.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1706.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -266.6| 0.0| 0.0| 266.6|
| 12-11|si| 5| Tz | | -98.8| 0.0| 0.0| 98.8|
| 5- 1|si| 9| Ty | | -222.8| 0.0| 0.0| 222.8|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2040.0| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -756.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1705.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -266.4| 0.0| 0.0| 266.4|
| 12-11|si| 5| Tz | | -98.8| 0.0| 0.0| 98.8|
| 5- 1|si| 9| Ty | | -222.7| 0.0| 0.0| 222.7|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2039.1| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -755.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1704.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -266.3| 0.0| 0.0| 266.3|
| 12-11|si| 5| Tz | | -98.7| 0.0| 0.0| 98.7|
| 5- 1|si| 9| Ty | | -222.6| 0.0| 0.0| 222.6|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2038.3| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -754.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1703.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -266.2| 0.0| 0.0| 266.2|
| 12-11|si| 5| Tz | | -98.6| 0.0| 0.0| 98.6|
| 5- 1|si| 9| Ty | | -222.5| 0.0| 0.0| 222.5|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2037.4| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -754.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1702.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -266.1| 0.0| 0.0| 266.1|
| 12-11|si| 5| Tz | | -98.5| 0.0| 0.0| 98.5|
| 5- 1|si| 9| Ty | | -222.4| 0.0| 0.0| 222.4|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2036.6| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -753.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1701.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -266.0| 0.0| 0.0| 266.0|
| 12-11|si| 5| Tz | | -98.4| 0.0| 0.0| 98.4|

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Copertura area carburante - Relazione di calcolo

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| 5- 1|si| 9| Ty | -222.3| 0.0| 0.0| 222.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2035.7| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -752.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1701.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -265.9| 0.0| 0.0| 265.9|
| 12-11|si| 5| Tz | -98.3| 0.0| 0.0| 98.3|
| 5- 1|si| 9| Ty | -222.2| 0.0| 0.0| 222.2|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2034.9| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -752.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1700.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -265.8| 0.0| 0.0| 265.8|
| 12-11|si| 5| Tz | -98.2| 0.0| 0.0| 98.2|
| 5- 1|si| 9| Ty | -222.1| 0.0| 0.0| 222.1|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -2041.7|Mzeq = 0.0|Myeq = 0.0|Ss = -429.5 ( 0.164)
-----
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 11- 12) 6
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -1565.6| 0.0| 0.0|
| 8- 1| 0.0| 0.0| 0.0| -1008.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1099.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx Si| -204.5| 0.0| 0.0| 204.5|
| 8- 1|si| 6| Tz | -131.7| 0.0| 0.0| 131.7|
| 6- 1|si| 9| Ty | -143.5| 0.0| 0.0| 143.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -1564.7| 0.0| 0.0|
| 8- 1| 0.0| 0.0| 0.0| -1007.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1098.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 2|Sx Si| -204.4| 0.0| 0.0| 204.4|
| 8- 1|si| 6| Tz | -131.6| 0.0| 0.0| 131.6|
| 6- 1|si| 9| Ty | -143.4| 0.0| 0.0| 143.4|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -1563.9| 0.0| 0.0|
| 8- 1| 0.0| 0.0| 0.0| -1006.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1097.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 2|Sx Si| -204.3| 0.0| 0.0| 204.3|
| 8- 1|si| 6| Tz | -131.5| 0.0| 0.0| 131.5|
| 6- 1|si| 9| Ty | -143.3| 0.0| 0.0| 143.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -1563.0| 0.0| 0.0|
| 8- 1| 0.0| 0.0| 0.0| -1005.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1096.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 2|Sx Si| -204.1| 0.0| 0.0| 204.1|
| 8- 1|si| 6| Tz | -131.3| 0.0| 0.0| 131.3|
| 6- 1|si| 9| Ty | -143.2| 0.0| 0.0| 143.2|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -1562.2| 0.0| 0.0|
| 8- 1| 0.0| 0.0| 0.0| -1004.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1095.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 2|Sx Si| -204.0| 0.0| 0.0| 204.0|
| 8- 1|si| 6| Tz | -131.2| 0.0| 0.0| 131.2|
| 6- 1|si| 9| Ty | -143.1| 0.0| 0.0| 143.1|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -1561.3| 0.0| 0.0|
| 8- 1| 0.0| 0.0| 0.0| -1003.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1094.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 2|Sx Si| -203.9| 0.0| 0.0| 203.9|
| 8- 1|si| 6| Tz | -131.1| 0.0| 0.0| 131.1|
| 6- 1|si| 9| Ty | -143.0| 0.0| 0.0| 143.0|

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Copertura area carburante - Relazione di calcolo

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----- PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -1560.5 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -1003.1 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1093.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | Si | -203.8 | 0.0 | 0.0 | 203.8 |
| 8- 1|si| 6| Tz | | -131.0 | 0.0 | 0.0 | 131.0 |
| 6- 1|si| 9| Ty | | -142.9 | 0.0 | 0.0 | 142.9 |
----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -1559.6 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -1002.2 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1093.1 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | Si | -203.7 | 0.0 | 0.0 | 203.7 |
| 8- 1|si| 6| Tz | | -130.9 | 0.0 | 0.0 | 130.9 |
| 6- 1|si| 9| Ty | | -142.8 | 0.0 | 0.0 | 142.8 |
----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -1558.8 | 0.0 | 0.0 |
| 8- 1 | 0.0 | 0.0 | 0.0 | -1001.4 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1092.2 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | Si | -203.6 | 0.0 | 0.0 | 203.6 |
| 8- 1|si| 6| Tz | | -130.8 | 0.0 | 0.0 | 130.8 |
| 6- 1|si| 9| Ty | | -142.7 | 0.0 | 0.0 | 142.7 |
-----
VERIFICA STABILITA' :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 7- 1 - Nodo 2 - Asse Y
Ned = -1565.6 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -329.3 ( 0.126)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 13- 14) 7
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2524.8 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2145.7 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx | Si | -329.8 | 0.0 | 0.0 | 329.8 |
| 6- 1|si| 6| Tz | | -280.3 | 0.0 | 0.0 | 280.3 |
| 6- 1|si| 9| Ty | | -280.3 | 0.0 | 0.0 | 280.3 |
----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2524.0 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2144.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | Si | -329.7 | 0.0 | 0.0 | 329.7 |
| 6- 1|si| 6| Tz | | -280.1 | 0.0 | 0.0 | 280.1 |
| 6- 1|si| 9| Ty | | -280.1 | 0.0 | 0.0 | 280.1 |
----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2523.1 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2144.0 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | Si | -329.5 | 0.0 | 0.0 | 329.5 |
| 6- 1|si| 6| Tz | | -280.0 | 0.0 | 0.0 | 280.0 |
| 6- 1|si| 9| Ty | | -280.0 | 0.0 | 0.0 | 280.0 |
----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2522.2 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2143.2 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | Si | -329.4 | 0.0 | 0.0 | 329.4 |
| 6- 1|si| 6| Tz | | -279.9 | 0.0 | 0.0 | 279.9 |
| 6- 1|si| 9| Ty | | -279.9 | 0.0 | 0.0 | 279.9 |
----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2521.4 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2142.3 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | Si | -329.3 | 0.0 | 0.0 | 329.3 |
| 6- 1|si| 6| Tz | | -279.8 | 0.0 | 0.0 | 279.8 |
| 6- 1|si| 9| Ty | | -279.8 | 0.0 | 0.0 | 279.8 |
----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2520.5 | 0.0 | 0.0 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2141.4 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7-1	|si|	2	Sx	Si	-329.2	0.0	0.0	329.2
6-1	|si|	6	Tz		-279.7	0.0	0.0	279.7
6-1	|si|	9	Ty		-279.7	0.0	0.0	279.7

66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	0.0	0.0	0.0	-2519.7	0.0	0.0
6-1	0.0	0.0	0.0	-2140.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7-1	|si|	2	Sx	Si	-329.1	0.0	0.0	329.1
6-1	|si|	6	Tz		-279.6	0.0	0.0	279.6
6-1	|si|	9	Ty		-279.6	0.0	0.0	279.6

77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	0.0	0.0	0.0	-2518.8	0.0	0.0
6-1	0.0	0.0	0.0	-2139.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7-1	|si|	2	Sx	Si	-329.0	0.0	0.0	329.0
6-1	|si|	6	Tz		-279.5	0.0	0.0	279.5
6-1	|si|	9	Ty		-279.5	0.0	0.0	279.5

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	0.0	0.0	0.0	-2518.0	0.0	0.0
6-1	0.0	0.0	0.0	-2138.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7-1	|si|	2	Sx	Si	-328.9	0.0	0.0	328.9
6-1	|si|	6	Tz		-279.4	0.0	0.0	279.4
6-1	|si|	9	Ty		-279.4	0.0	0.0	279.4

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 7-1 - Nodo 2 - Asse Y
 Ned = -2524.8 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -531.1 (0.203)

P_IPE80_S008 (8) stato limite ultimo - ASTA (15- 16) 8
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3596.4	0.0	0.0
8-1	0.0	0.0	0.0	-2981.1	0.0	0.0
11-10	0.0	0.0	0.0	22.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	1	Sx	Si	-469.7	0.0	0.0	469.7
8-1	|si|	6	Tz		-389.4	0.0	0.0	389.4
11-10	|si|	9	Ty		3.0	0.0	0.0	3.0

11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3595.5	0.0	0.0
8-1	0.0	0.0	0.0	-2980.2	0.0	0.0
11-10	0.0	0.0	0.0	23.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	1	Sx	Si	-469.6	0.0	0.0	469.6
8-1	|si|	6	Tz		-389.3	0.0	0.0	389.3
11-10	|si|	9	Ty		3.1	0.0	0.0	3.1

22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3594.7	0.0	0.0
8-1	0.0	0.0	0.0	-2979.4	0.0	0.0
11-10	0.0	0.0	0.0	24.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-469.5	0.0	0.0	469.5
8-1	|si|	6	Tz		-389.1	0.0	0.0	389.1
11-10	|si|	9	Ty		3.2	0.0	0.0	3.2

33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3593.8	0.0	0.0
8-1	0.0	0.0	0.0	-2978.5	0.0	0.0
11-10	0.0	0.0	0.0	24.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-469.4	0.0	0.0	469.4
8-1	|si|	6	Tz		-389.0	0.0	0.0	389.0
11-10	|si|	9	Ty		3.3	0.0	0.0	3.3

44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3593.0	0.0	0.0
8-1	0.0	0.0	0.0	-2977.7	0.0	0.0
11-10	0.0	0.0	0.0	25.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-469.3	0.0	0.0	469.3
8-1	|si|	6	Tz		-388.9	0.0	0.0	388.9
11-10	|si|	9	Ty		3.3	0.0	0.0	3.3

Copertura area carburante - Relazione di calcolo

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-3592.1	0.0	0.0
8- 1	0.0	0.0	0.0	-2976.8	0.0	0.0
11-10	0.0	0.0	0.0	26.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	Si	-469.2	0.0	469.2
8- 1	si	6	Tz		-388.8	0.0	388.8
11-10	si	9	Ty		3.4	0.0	3.4

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-3591.3	0.0	0.0
8- 1	0.0	0.0	0.0	-2976.0	0.0	0.0
11-10	0.0	0.0	0.0	26.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	Si	-469.1	0.0	469.1
8- 1	si	6	Tz		-388.7	0.0	388.7
11-10	si	9	Ty		3.5	0.0	3.5

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-3590.4	0.0	0.0
8- 1	0.0	0.0	0.0	-2975.1	0.0	0.0
11-10	0.0	0.0	0.0	27.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	Si	-469.0	0.0	469.0
8- 1	si	6	Tz		-388.6	0.0	388.6
11-10	si	9	Ty		3.6	0.0	3.6

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-3589.6	0.0	0.0
8- 1	0.0	0.0	0.0	-2974.3	0.0	0.0
11-10	0.0	0.0	0.0	28.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	Si	-468.8	0.0	468.8
8- 1	si	6	Tz		-388.5	0.0	388.5
11-10	si	9	Ty		3.7	0.0	3.7

VERIFICA STABILITA` :

l0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -3596.4 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -756.5 (0.289)

P_IPE80_S008 (8) stato limite ultimo - ASTA (546- 522) 874
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7191.8	0.0	0.0
5- 1	0.0	0.0	0.0	-7141.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-939.3	0.0	939.3
6- 1	si	6	Tz		-939.3	0.0	939.3
5- 1	si	9	Ty		-932.8	0.0	932.8

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7191.0	0.0	0.0
5- 1	0.0	0.0	0.0	-7140.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	Si	-939.2	0.0	939.2
6- 1	si	6	Tz		-939.2	0.0	939.2
5- 1	si	9	Ty		-932.7	0.0	932.7

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7190.1	0.0	0.0
5- 1	0.0	0.0	0.0	-7139.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	Si	-939.1	0.0	939.1
6- 1	si	6	Tz		-939.1	0.0	939.1
5- 1	si	9	Ty		-932.6	0.0	932.6

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7189.2	0.0	0.0
5- 1	0.0	0.0	0.0	-7139.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	Si	-939.0	0.0	939.0
6- 1	si	6	Tz		-939.0	0.0	939.0
5- 1	si	9	Ty		-932.4	0.0	932.4

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-7188.4	0.0	0.0
5- 1	0.0	0.0	0.0	-7138.2	0.0	0.0

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -938.9| 0.0| 0.0| 938.9|
| 6- 1|si| 6| Tz | | -938.9| 0.0| 0.0| 938.9|
| 5- 1|si| 9| Ty | | -932.3| 0.0| 0.0| 932.3|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -7187.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -7137.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -938.8| 0.0| 0.0| 938.8|
| 6- 1|si| 6| Tz | | -938.8| 0.0| 0.0| 938.8|
| 5- 1|si| 9| Ty | | -932.2| 0.0| 0.0| 932.2|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -7186.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -7136.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -938.7| 0.0| 0.0| 938.7|
| 6- 1|si| 6| Tz | | -938.7| 0.0| 0.0| 938.7|
| 5- 1|si| 9| Ty | | -932.1| 0.0| 0.0| 932.1|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -7185.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -7135.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -938.6| 0.0| 0.0| 938.6|
| 6- 1|si| 6| Tz | | -938.6| 0.0| 0.0| 938.6|
| 5- 1|si| 9| Ty | | -932.0| 0.0| 0.0| 932.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -7185.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -7134.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -938.4| 0.0| 0.0| 938.4|
| 6- 1|si| 6| Tz | | -938.4| 0.0| 0.0| 938.4|
| 5- 1|si| 9| Ty | | -931.9| 0.0| 0.0| 931.9|
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -7191.8|Mzeq = 0.0|Myeq = 0.0|Ss = -1512.7 ( 0.578)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 548- 523) 875
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6961.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6953.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -909.2| 0.0| 0.0| 909.2|
| 6- 1|si| 6| Tz | | -909.2| 0.0| 0.0| 909.2|
| 5- 1|si| 9| Ty | | -908.2| 0.0| 0.0| 908.2|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6960.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6952.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -909.1| 0.0| 0.0| 909.1|
| 6- 1|si| 6| Tz | | -909.1| 0.0| 0.0| 909.1|
| 5- 1|si| 9| Ty | | -908.1| 0.0| 0.0| 908.1|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6959.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6951.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -909.0| 0.0| 0.0| 909.0|
| 6- 1|si| 6| Tz | | -909.0| 0.0| 0.0| 909.0|
| 5- 1|si| 9| Ty | | -908.0| 0.0| 0.0| 908.0|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6958.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -6951.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | -908.9| 0.0| 0.0| 908.9|
| 6- 1|si| 6| Tz | | -908.9| 0.0| 0.0| 908.9|
| 5- 1|si| 9| Ty | | -907.9| 0.0| 0.0| 907.9|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -6957.6| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```

| 5- 1|      0.0|      0.0|      0.0| -6950.2|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -908.7| 0.0| 0.0| 908.7|
| 6- 1|si| 6| Tz | -908.7| 0.0| 0.0| 908.7|
| 5- 1|si| 9| Ty | -907.8| 0.0| 0.0| 907.8|
-----

```

55.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6956.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6949.3| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -908.6| 0.0| 0.0| 908.6|
| 6- 1|si| 6| Tz | -908.6| 0.0| 0.0| 908.6|
| 5- 1|si| 9| Ty | -907.7| 0.0| 0.0| 907.7|
-----

```

66.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6955.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6948.4| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -908.5| 0.0| 0.0| 908.5|
| 6- 1|si| 6| Tz | -908.5| 0.0| 0.0| 908.5|
| 5- 1|si| 9| Ty | -907.6| 0.0| 0.0| 907.6|
-----

```

77.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6955.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6947.6| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -908.4| 0.0| 0.0| 908.4|
| 6- 1|si| 6| Tz | -908.4| 0.0| 0.0| 908.4|
| 5- 1|si| 9| Ty | -907.4| 0.0| 0.0| 907.4|
-----

```

88.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -6954.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -6946.7| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -908.3| 0.0| 0.0| 908.3|
| 6- 1|si| 6| Tz | -908.3| 0.0| 0.0| 908.3|
| 5- 1|si| 9| Ty | -907.3| 0.0| 0.0| 907.3|
-----

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -6961.0|Mzeq = 0.0|Myeq = 0.0|Ss = -1464.2 ( 0.559)

```

```

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 550- 524) 876
-----

```

0.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7248.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7202.7| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -946.7| 0.0| 0.0| 946.7|
| 6- 1|si| 6| Tz | -946.7| 0.0| 0.0| 946.7|
| 5- 1|si| 9| Ty | -940.8| 0.0| 0.0| 940.8|
-----

```

11.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7247.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7201.9| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -946.6| 0.0| 0.0| 946.6|
| 6- 1|si| 6| Tz | -946.6| 0.0| 0.0| 946.6|
| 5- 1|si| 9| Ty | -940.7| 0.0| 0.0| 940.7|
-----

```

22.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7246.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7201.0| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -946.5| 0.0| 0.0| 946.5|
| 6- 1|si| 6| Tz | -946.5| 0.0| 0.0| 946.5|
| 5- 1|si| 9| Ty | -940.5| 0.0| 0.0| 940.5|
-----

```

33.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7245.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7200.2| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -946.4| 0.0| 0.0| 946.4|
| 6- 1|si| 6| Tz | -946.4| 0.0| 0.0| 946.4|
| 5- 1|si| 9| Ty | -940.4| 0.0| 0.0| 940.4|
-----

```

44.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

```

Copertura area carburante - Relazione di calcolo

```

| 6- 1|      0.0|      0.0|      0.0| -7244.8|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -7199.3|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -946.3| 0.0| 0.0| 946.3|
| 6- 1|si| 6| Tz | -946.3| 0.0| 0.0| 946.3|
| 5- 1|si| 9| Ty | -940.3| 0.0| 0.0| 940.3|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7244.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7198.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -946.1| 0.0| 0.0| 946.1|
| 6- 1|si| 6| Tz | -946.1| 0.0| 0.0| 946.1|
| 5- 1|si| 9| Ty | -940.2| 0.0| 0.0| 940.2|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7243.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7197.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -946.0| 0.0| 0.0| 946.0|
| 6- 1|si| 6| Tz | -946.0| 0.0| 0.0| 946.0|
| 5- 1|si| 9| Ty | -940.1| 0.0| 0.0| 940.1|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7242.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7196.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -945.9| 0.0| 0.0| 945.9|
| 6- 1|si| 6| Tz | -945.9| 0.0| 0.0| 945.9|
| 5- 1|si| 9| Ty | -940.0| 0.0| 0.0| 940.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -7241.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -7195.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -945.8| 0.0| 0.0| 945.8|
| 6- 1|si| 6| Tz | -945.8| 0.0| 0.0| 945.8|
| 5- 1|si| 9| Ty | -939.9| 0.0| 0.0| 939.9|
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -7248.2|Mzeq = 0.0|Myeq = 0.0|Ss = -1524.6 ( 0.582)
P_IPe80_S008 ( 8) stato limite ultimo - ASTA ( 547- 525) 880
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5049.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4992.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -659.5| 0.0| 0.0| 659.5|
| 5- 1|si| 6| Tz | -652.1| 0.0| 0.0| 652.1|
| 5- 1|si| 9| Ty | -652.1| 0.0| 0.0| 652.1|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5048.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4991.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -659.4| 0.0| 0.0| 659.4|
| 5- 1|si| 6| Tz | -652.0| 0.0| 0.0| 652.0|
| 5- 1|si| 9| Ty | -652.0| 0.0| 0.0| 652.0|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5047.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4990.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -659.3| 0.0| 0.0| 659.3|
| 5- 1|si| 6| Tz | -651.9| 0.0| 0.0| 651.9|
| 5- 1|si| 9| Ty | -651.9| 0.0| 0.0| 651.9|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5046.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -4990.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -659.2| 0.0| 0.0| 659.2|
| 5- 1|si| 6| Tz | -651.8| 0.0| 0.0| 651.8|
| 5- 1|si| 9| Ty | -651.8| 0.0| 0.0| 651.8|
-----
PROGR. 44.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5045.8	0.0	0.0
5-1	0.0	0.0	0.0	-4989.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-659.0	0.0	0.0	659.0
5-1	si	6	Tz		-651.7	0.0	0.0	651.7
5-1	si	9	Ty		-651.7	0.0	0.0	651.7

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5044.9	0.0	0.0
5-1	0.0	0.0	0.0	-4988.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-658.9	0.0	0.0	658.9
5-1	si	6	Tz		-651.5	0.0	0.0	651.5
5-1	si	9	Ty		-651.5	0.0	0.0	651.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5044.1	0.0	0.0
5-1	0.0	0.0	0.0	-4987.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-658.8	0.0	0.0	658.8
5-1	si	6	Tz		-651.4	0.0	0.0	651.4
5-1	si	9	Ty		-651.4	0.0	0.0	651.4

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5043.2	0.0	0.0
5-1	0.0	0.0	0.0	-4986.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-658.7	0.0	0.0	658.7
5-1	si	6	Tz		-651.3	0.0	0.0	651.3
5-1	si	9	Ty		-651.3	0.0	0.0	651.3

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5042.4	0.0	0.0
5-1	0.0	0.0	0.0	-4985.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-658.6	0.0	0.0	658.6
5-1	si	6	Tz		-651.2	0.0	0.0	651.2
5-1	si	9	Ty		-651.2	0.0	0.0	651.2

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6-1 - Nodo 3 - Asse Y
 Ned = -5049.2 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -1062.1 (0.406)

P_IPE80_s008 (8) stato limite ultimo - ASTA (549- 526) 881
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5003.0	0.0	0.0
5-1	0.0	0.0	0.0	-5000.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-653.4	0.0	0.0	653.4
5-1	si	6	Tz		-653.1	0.0	0.0	653.1
5-1	si	9	Ty		-653.1	0.0	0.0	653.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5002.1	0.0	0.0
5-1	0.0	0.0	0.0	-4999.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-653.3	0.0	0.0	653.3
5-1	si	6	Tz		-653.0	0.0	0.0	653.0
5-1	si	9	Ty		-653.0	0.0	0.0	653.0

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5001.2	0.0	0.0
5-1	0.0	0.0	0.0	-4998.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-653.2	0.0	0.0	653.2
5-1	si	6	Tz		-652.9	0.0	0.0	652.9
5-1	si	9	Ty		-652.9	0.0	0.0	652.9

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-5000.4	0.0	0.0
5-1	0.0	0.0	0.0	-4998.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	Si	-653.1	0.0	0.0	653.1
5-1	si	6	Tz		-652.8	0.0	0.0	652.8
5-1	si	9	Ty		-652.8	0.0	0.0	652.8

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -4999.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4997.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -653.0 |      0.0 |      0.0 | 653.0 |
| 5- 1|si| 6|  Tz | -652.7 |      0.0 |      0.0 | 652.7 |
| 5- 1|si| 9|  Ty | -652.7 |      0.0 |      0.0 | 652.7 |
----- PROGR. 55.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -4998.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4996.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -652.9 |      0.0 |      0.0 | 652.9 |
| 5- 1|si| 6|  Tz | -652.6 |      0.0 |      0.0 | 652.6 |
| 5- 1|si| 9|  Ty | -652.6 |      0.0 |      0.0 | 652.6 |
----- PROGR. 66.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -4997.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4995.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -652.8 |      0.0 |      0.0 | 652.8 |
| 5- 1|si| 6|  Tz | -652.5 |      0.0 |      0.0 | 652.5 |
| 5- 1|si| 9|  Ty | -652.5 |      0.0 |      0.0 | 652.5 |
----- PROGR. 77.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -4997.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4994.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -652.7 |      0.0 |      0.0 | 652.7 |
| 5- 1|si| 6|  Tz | -652.4 |      0.0 |      0.0 | 652.4 |
| 5- 1|si| 9|  Ty | -652.4 |      0.0 |      0.0 | 652.4 |
----- PROGR. 88.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -4996.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4993.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -652.6 |      0.0 |      0.0 | 652.6 |
| 5- 1|si| 6|  Tz | -652.2 |      0.0 |      0.0 | 652.2 |
| 5- 1|si| 9|  Ty | -652.2 |      0.0 |      0.0 | 652.2 |
----- PROGR. 88.

-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 4 - Asse Y
Ned = -5003.0|Mzeq = 0.0|Myeq = 0.0|Ss = -1052.3 ( 0.402)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 551- 527) 882
----- PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5040.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4994.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -658.4 |      0.0 |      0.0 | 658.4 |
| 5- 1|si| 6|  Tz | -652.3 |      0.0 |      0.0 | 652.3 |
| 5- 1|si| 9|  Ty | -652.3 |      0.0 |      0.0 | 652.3 |
----- PROGR. 11.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5039.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4993.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -658.2 |      0.0 |      0.0 | 658.2 |
| 5- 1|si| 6|  Tz | -652.2 |      0.0 |      0.0 | 652.2 |
| 5- 1|si| 9|  Ty | -652.2 |      0.0 |      0.0 | 652.2 |
----- PROGR. 22.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5038.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4992.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -658.1 |      0.0 |      0.0 | 658.1 |
| 5- 1|si| 6|  Tz | -652.1 |      0.0 |      0.0 | 652.1 |
| 5- 1|si| 9|  Ty | -652.1 |      0.0 |      0.0 | 652.1 |
----- PROGR. 33.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -5038.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -4991.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| -658.0 |      0.0 |      0.0 | 658.0 |
| 5- 1|si| 6|  Tz | -652.0 |      0.0 |      0.0 | 652.0 |
| 5- 1|si| 9|  Ty | -652.0 |      0.0 |      0.0 | 652.0 |

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Copertura area carburante - Relazione di calcolo

----- PROGR. 44.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-5037.1|	0.0|	0.0|			
| 5- 1|	0.0|	0.0|	0.0|	-4990.7|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 4|Sx	Si|	-657.9|	0.0|	0.0|	657.9|			
| 5- 1|	si| 6| Tz		-651.9|	0.0|	0.0|	651.9|			
| 5- 1|	si| 9| Ty		-651.9|	0.0|	0.0|	651.9|			
----- PROGR. 55.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-5036.2|	0.0|	0.0|			
| 5- 1|	0.0|	0.0|	0.0|	-4989.9|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 4|Sx	Si|	-657.8|	0.0|	0.0|	657.8|			
| 5- 1|	si| 6| Tz		-651.7|	0.0|	0.0|	651.7|			
| 5- 1|	si| 9| Ty		-651.7|	0.0|	0.0|	651.7|			
----- PROGR. 66.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-5035.4|	0.0|	0.0|			
| 5- 1|	0.0|	0.0|	0.0|	-4989.0|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 4|Sx	Si|	-657.7|	0.0|	0.0|	657.7|			
| 5- 1|	si| 6| Tz		-651.6|	0.0|	0.0|	651.6|			
| 5- 1|	si| 9| Ty		-651.6|	0.0|	0.0|	651.6|			
----- PROGR. 77.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-5034.5|	0.0|	0.0|			
| 5- 1|	0.0|	0.0|	0.0|	-4988.2|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 4|Sx	Si|	-657.6|	0.0|	0.0|	657.6|			
| 5- 1|	si| 6| Tz		-651.5|	0.0|	0.0|	651.5|			
| 5- 1|	si| 9| Ty		-651.5|	0.0|	0.0|	651.5|			
----- PROGR. 88.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-5033.7|	0.0|	0.0|			
| 5- 1|	0.0|	0.0|	0.0|	-4987.3|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 4|Sx	Si|	-657.5|	0.0|	0.0|	657.5|			
| 5- 1|	si| 6| Tz		-651.4|	0.0|	0.0|	651.4|			
| 5- 1|	si| 9| Ty		-651.4|	0.0|	0.0|	651.4|			

VERIFICA STABILITA` :									
|L0 = 88. |									
Z	|Lc = 88. |	Ro = 3.24|	lm = 27.2|	Ncr= 214856.6|	alfa(a)=0.2100|	ki=0.9744|			
Y	|Lc = 88. |	Ro = 1.05|	lm = 83.6|	Ncr= 22725.8|	alfa(b)=0.3400|	ki=0.6209|			
Caso 6- 1 - Nodo 4 - Asse Y									
Ned = -5040.5| Mzeq = 0.0| Myeq = 0.0| Ss = -1060.2 (0.405)									
P_IPe80_S008 (8) ----- stato limite ultimo - ASTA (552- 528) 886									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-2922.9|	0.0|	0.0|			
| 12-11|	0.0|	0.0|	0.0|	-688.5|	0.0|	0.0|			
| 5- 1|	0.0|	0.0|	0.0|	-2862.3|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 1|Sx	Si|	-381.8|	0.0|	0.0|	381.8|			
| 12-11|	si| 5| Tz		-89.9|	0.0|	0.0|	89.9|			
| 5- 1|	si| 9| Ty		-373.9|	0.0|	0.0|	373.9|			
----- PROGR. 11.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-2922.1|	0.0|	0.0|			
| 12-11|	0.0|	0.0|	0.0|	-687.9|	0.0|	0.0|			
| 5- 1|	0.0|	0.0|	0.0|	-2861.5|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 3|Sx	Si|	-381.7|	0.0|	0.0|	381.7|			
| 12-11|	si| 5| Tz		-89.8|	0.0|	0.0|	89.8|			
| 5- 1|	si| 9| Ty		-373.7|	0.0|	0.0|	373.7|			
----- PROGR. 22.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-2921.2|	0.0|	0.0|			
| 12-11|	0.0|	0.0|	0.0|	-687.2|	0.0|	0.0|			
| 5- 1|	0.0|	0.0|	0.0|	-2860.6|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 3|Sx	Si|	-381.5|	0.0|	0.0|	381.5|			
| 12-11|	si| 5| Tz		-89.8|	0.0|	0.0|	89.8|			
| 5- 1|	si| 9| Ty		-373.6|	0.0|	0.0|	373.6|			
----- PROGR. 33.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-2920.4|	0.0|	0.0|			
12-11	0.0	0.0	0.0	-686.6	0.0	0.0			
5- 1	0.0	0.0	0.0	-2859.7	0.0	0.0			

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -381.4| 0.0| 0.0| 381.4|
| 12-11|si| 5| Tz | -89.7| 0.0| 0.0| 89.7|
| 5- 1|si| 9| Ty | -373.5| 0.0| 0.0| 373.5|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2919.5| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -685.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2858.9| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -381.3| 0.0| 0.0| 381.3|
| 12-11|si| 5| Tz | -89.6| 0.0| 0.0| 89.6|
| 5- 1|si| 9| Ty | -373.4| 0.0| 0.0| 373.4|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2918.6| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -685.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2858.0| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -381.2| 0.0| 0.0| 381.2|
| 12-11|si| 5| Tz | -89.5| 0.0| 0.0| 89.5|
| 5- 1|si| 9| Ty | -373.3| 0.0| 0.0| 373.3|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2917.8| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -684.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2857.2| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -381.1| 0.0| 0.0| 381.1|
| 12-11|si| 5| Tz | -89.4| 0.0| 0.0| 89.4|
| 5- 1|si| 9| Ty | -373.2| 0.0| 0.0| 373.2|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2916.9| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -683.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2856.3| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -381.0| 0.0| 0.0| 381.0|
| 12-11|si| 5| Tz | -89.3| 0.0| 0.0| 89.3|
| 5- 1|si| 9| Ty | -373.1| 0.0| 0.0| 373.1|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2916.1| 0.0| 0.0|
| 12-11| 0.0| 0.0| 0.0| -683.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2855.5| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -380.9| 0.0| 0.0| 380.9|
| 12-11|si| 5| Tz | -89.2| 0.0| 0.0| 89.2|
| 5- 1|si| 9| Ty | -373.0| 0.0| 0.0| 373.0|
-----
PROGR. 88.

VERIFICA STABILITA` :
|LO = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -2922.9|Mzeq = 0.0|Myeq = 0.0|Ss = -614.8 ( 0.235)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 553- 529) 887
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2990.1| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -390.5| 0.0| 0.0| 390.5|
| 5- 1|si| 5| Tz | -390.5| 0.0| 0.0| 390.5|
| 5- 1|si| 9| Ty | -390.5| 0.0| 0.0| 390.5|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2989.2| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| -390.4| 0.0| 0.0| 390.4|
| 5- 1|si| 5| Tz | -390.4| 0.0| 0.0| 390.4|
| 5- 1|si| 9| Ty | -390.4| 0.0| 0.0| 390.4|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2988.4| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| -390.3| 0.0| 0.0| 390.3|
| 5- 1|si| 5| Tz | -390.3| 0.0| 0.0| 390.3|
| 5- 1|si| 9| Ty | -390.3| 0.0| 0.0| 390.3|
-----
PROGR. 33.

SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

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| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2987.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |      Si | -390.2 |      0.0 |      0.0 |      390.2 |
| 5- 1|si| 5|  Tz |      | -390.2 |      0.0 |      0.0 |      390.2 |
| 5- 1|si| 9|  Ty |      | -390.2 |      0.0 |      0.0 |      390.2 |
----- PROGR. 44.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2986.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |      Si | -390.1 |      0.0 |      0.0 |      390.1 |
| 5- 1|si| 5|  Tz |      | -390.1 |      0.0 |      0.0 |      390.1 |
| 5- 1|si| 9|  Ty |      | -390.1 |      0.0 |      0.0 |      390.1 |
----- PROGR. 55.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2985.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |      Si | -390.0 |      0.0 |      0.0 |      390.0 |
| 5- 1|si| 5|  Tz |      | -390.0 |      0.0 |      0.0 |      390.0 |
| 5- 1|si| 9|  Ty |      | -390.0 |      0.0 |      0.0 |      390.0 |
----- PROGR. 66.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2985.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |      Si | -389.9 |      0.0 |      0.0 |      389.9 |
| 5- 1|si| 5|  Tz |      | -389.9 |      0.0 |      0.0 |      389.9 |
| 5- 1|si| 9|  Ty |      | -389.9 |      0.0 |      0.0 |      389.9 |
----- PROGR. 77.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2984.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |      Si | -389.8 |      0.0 |      0.0 |      389.8 |
| 5- 1|si| 5|  Tz |      | -389.8 |      0.0 |      0.0 |      389.8 |
| 5- 1|si| 9|  Ty |      | -389.8 |      0.0 |      0.0 |      389.8 |
----- PROGR. 88.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2983.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |      Si | -389.6 |      0.0 |      0.0 |      389.6 |
| 5- 1|si| 5|  Tz |      | -389.6 |      0.0 |      0.0 |      389.6 |
| 5- 1|si| 9|  Ty |      | -389.6 |      0.0 |      0.0 |      389.6 |
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 3 - Asse Y
Ned = -2990.1|Mzeq = 0.0|Myeq = 0.0|Ss = -628.9 ( 0.240)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 554- 530) 888
----- PROGR. 0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2859.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2807.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |      Si | -373.5 |      0.0 |      0.0 |      373.5 |
| 6- 1|si| 6|  Tz |      | -373.5 |      0.0 |      0.0 |      373.5 |
| 5- 1|si| 9|  Ty |      | -366.7 |      0.0 |      0.0 |      366.7 |
----- PROGR. 11.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2859.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2807.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx |      Si | -373.4 |      0.0 |      0.0 |      373.4 |
| 6- 1|si| 6|  Tz |      | -373.4 |      0.0 |      0.0 |      373.4 |
| 5- 1|si| 9|  Ty |      | -366.6 |      0.0 |      0.0 |      366.6 |
----- PROGR. 22.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2858.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2806.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx |      Si | -373.3 |      0.0 |      0.0 |      373.3 |
| 6- 1|si| 6|  Tz |      | -373.3 |      0.0 |      0.0 |      373.3 |
| 5- 1|si| 9|  Ty |      | -366.5 |      0.0 |      0.0 |      366.5 |
----- PROGR. 33.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -2857.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2805.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |

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Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 3|Sx  Si| -373.2| 0.0| 0.0| 373.2|
| 6- 1|si| 6| Tz  | -373.2| 0.0| 0.0| 373.2|
| 5- 1|si| 9| Ty  | -366.4| 0.0| 0.0| 366.4|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2856.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2804.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -373.1| 0.0| 0.0| 373.1|
| 6- 1|si| 6| Tz  | -373.1| 0.0| 0.0| 373.1|
| 5- 1|si| 9| Ty  | -366.3| 0.0| 0.0| 366.3|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2855.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2803.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -373.0| 0.0| 0.0| 373.0|
| 6- 1|si| 6| Tz  | -373.0| 0.0| 0.0| 373.0|
| 5- 1|si| 9| Ty  | -366.2| 0.0| 0.0| 366.2|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2854.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2802.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -372.9| 0.0| 0.0| 372.9|
| 6- 1|si| 6| Tz  | -372.9| 0.0| 0.0| 372.9|
| 5- 1|si| 9| Ty  | -366.1| 0.0| 0.0| 366.1|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2853.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2801.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -372.8| 0.0| 0.0| 372.8|
| 6- 1|si| 6| Tz  | -372.8| 0.0| 0.0| 372.8|
| 5- 1|si| 9| Ty  | -366.0| 0.0| 0.0| 366.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2853.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -2801.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| -372.6| 0.0| 0.0| 372.6|
| 6- 1|si| 6| Tz  | -372.6| 0.0| 0.0| 372.6|
| 5- 1|si| 9| Ty  | -365.9| 0.0| 0.0| 365.9|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -2859.8|Mzeq = 0.0|Myeq = 0.0|Ss = -601.5 ( 0.230)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 558- 534) 898
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3291.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3231.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -429.9| 0.0| 0.0| 429.9|
| 5- 1|si| 6| Tz  | -429.9| 0.0| 0.0| 429.9|
| 6- 1|si| 9| Ty  | -422.1| 0.0| 0.0| 422.1|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3290.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3231.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -429.8| 0.0| 0.0| 429.8|
| 5- 1|si| 6| Tz  | -429.8| 0.0| 0.0| 429.8|
| 6- 1|si| 9| Ty  | -422.0| 0.0| 0.0| 422.0|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3289.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3230.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -429.7| 0.0| 0.0| 429.7|
| 5- 1|si| 6| Tz  | -429.7| 0.0| 0.0| 429.7|
| 6- 1|si| 9| Ty  | -421.9| 0.0| 0.0| 421.9|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3288.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3229.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-429.6	0.0	0.0	429.6
5-1	|si|	6	Tz		-429.6	0.0	0.0	429.6
6-1	|si|	9	Ty		-421.8	0.0	0.0	421.8

PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3287.9	0.0	0.0
6-1	0.0	0.0	0.0	-3228.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-429.4	0.0	0.0	429.4
5-1	|si|	6	Tz		-429.4	0.0	0.0	429.4
6-1	|si|	9	Ty		-421.7	0.0	0.0	421.7

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3287.1	0.0	0.0
6-1	0.0	0.0	0.0	-3227.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-429.3	0.0	0.0	429.3
5-1	|si|	6	Tz		-429.3	0.0	0.0	429.3
6-1	|si|	9	Ty		-421.6	0.0	0.0	421.6

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3286.2	0.0	0.0
6-1	0.0	0.0	0.0	-3226.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-429.2	0.0	0.0	429.2
5-1	|si|	6	Tz		-429.2	0.0	0.0	429.2
6-1	|si|	9	Ty		-421.4	0.0	0.0	421.4

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3285.4	0.0	0.0
6-1	0.0	0.0	0.0	-3225.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-429.1	0.0	0.0	429.1
5-1	|si|	6	Tz		-429.1	0.0	0.0	429.1
6-1	|si|	9	Ty		-421.3	0.0	0.0	421.3

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3284.5	0.0	0.0
6-1	0.0	0.0	0.0	-3225.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-429.0	0.0	0.0	429.0
5-1	|si|	6	Tz		-429.0	0.0	0.0	429.0
6-1	|si|	9	Ty		-421.2	0.0	0.0	421.2

VERIFICA STABILITA` :

|L0 = 88.1
 Z |Lc = 88.1 |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88.1 |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 5-1 - Nodo 2 - Asse Y
 Ned = -3291.3 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -692.3 (0.264)

P_IPE80_S008 (8) stato limite ultimo - ASTA (559- 535) 899
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3120.3	0.0	0.0
5-1	0.0	0.0	0.0	-3117.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	1	Sx	Si	-407.5	0.0	0.0	407.5
5-1	|si|	6	Tz		-407.2	0.0	0.0	407.2
6-1	|si|	9	Ty		-407.5	0.0	0.0	407.5

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3119.4	0.0	0.0
5-1	0.0	0.0	0.0	-3116.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	2	Sx	Si	-407.4	0.0	0.0	407.4
5-1	|si|	6	Tz		-407.1	0.0	0.0	407.1
6-1	|si|	9	Ty		-407.4	0.0	0.0	407.4

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3118.6	0.0	0.0
5-1	0.0	0.0	0.0	-3115.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	2	Sx	Si	-407.3	0.0	0.0	407.3
5-1	|si|	6	Tz		-407.0	0.0	0.0	407.0
6-1	|si|	9	Ty		-407.3	0.0	0.0	407.3

PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3117.7	0.0	0.0
5-1	0.0	0.0	0.0	-3114.9	0.0	0.0

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-407.2|	0.0|	0.0|	407.2|	
| 5- 1|	|si|	6|	Tz |	-406.8|	0.0|	0.0|	406.8|	
| 6- 1|	|si|	9|	Ty |	-407.2|	0.0|	0.0|	407.2|	
							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-3116.9|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-3114.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-407.1|	0.0|	0.0|	407.1|	
| 5- 1|	|si|	6|	Tz |	-406.7|	0.0|	0.0|	406.7|	
| 6- 1|	|si|	9|	Ty |	-407.1|	0.0|	0.0|	407.1|	
							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-3116.0|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-3113.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-407.0|	0.0|	0.0|	407.0|	
| 5- 1|	|si|	6|	Tz |	-406.6|	0.0|	0.0|	406.6|	
| 6- 1|	|si|	9|	Ty |	-407.0|	0.0|	0.0|	407.0|	
							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-3115.2|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-3112.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-406.9|	0.0|	0.0|	406.9|	
| 5- 1|	|si|	6|	Tz |	-406.5|	0.0|	0.0|	406.5|	
| 6- 1|	|si|	9|	Ty |	-406.9|	0.0|	0.0|	406.9|	
							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-3114.3|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-3111.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-406.8|	0.0|	0.0|	406.8|	
| 5- 1|	|si|	6|	Tz |	-406.4|	0.0|	0.0|	406.4|	
| 6- 1|	|si|	9|	Ty |	-406.8|	0.0|	0.0|	406.8|	
							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-3113.4|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-3110.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si|	-406.7|	0.0|	0.0|	406.7|	
| 5- 1|	|si|	6|	Tz |	-406.3|	0.0|	0.0|	406.3|	
| 6- 1|	|si|	9|	Ty |	-406.7|	0.0|	0.0|	406.7|	

VERIFICA STABILITA` :								
|L0 = 88. |								
Z |	Lc = 88. |	Ro = 3.24|	lm = 27.2|	Ncr= 214856.6|	alfa(a)=0.2100|	ki=0.9744|		
Y |	Lc = 88. |	Ro = 1.05|	lm = 83.6|	Ncr= 22725.8|	alfa(b)=0.3400|	ki=0.6209|		
Caso 6- 1 - Nodo 2 - Asse Y								
Ned =	-3120.3|	Mzeq =	0.0|	Myeq =	0.0|	Ss =	-656.3 (0.251)	

P_IPE80_S008 (8)	stato limite ultimo - ASTA (560- 536)						900	
							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-3563.8|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-3509.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si|	-465.5|	0.0|	0.0|	465.5|	
| 5- 1|	|si|	6|	Tz |	-465.5|	0.0|	0.0|	465.5|	
| 6- 1|	|si|	9|	Ty |	-458.4|	0.0|	0.0|	458.4|	
							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-3563.0|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-3508.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	2|	Sx Si|	-465.4|	0.0|	0.0|	465.4|	
| 5- 1|	|si|	6|	Tz |	-465.4|	0.0|	0.0|	465.4|	
| 6- 1|	|si|	9|	Ty |	-458.3|	0.0|	0.0|	458.3|	
							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-3562.1|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-3508.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	2|	Sx Si|	-465.3|	0.0|	0.0|	465.3|	
| 5- 1|	|si|	6|	Tz |	-465.3|	0.0|	0.0|	465.3|	
| 6- 1|	|si|	9|	Ty |	-458.2|	0.0|	0.0|	458.2|	
							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-3561.2|	0.0|	0.0|		

Copertura area carburante - Relazione di calcolo

```

| 6- 1|      0.0|      0.0|      0.0| -3507.1|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -465.1| 0.0| 0.0| 465.1|
| 5- 1|si| 6| Tz | -465.1| 0.0| 0.0| 465.1|
| 6- 1|si| 9| Ty | -458.1| 0.0| 0.0| 458.1|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3560.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3506.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -465.0| 0.0| 0.0| 465.0|
| 5- 1|si| 6| Tz | -465.0| 0.0| 0.0| 465.0|
| 6- 1|si| 9| Ty | -458.0| 0.0| 0.0| 458.0|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3559.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3505.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -464.9| 0.0| 0.0| 464.9|
| 5- 1|si| 6| Tz | -464.9| 0.0| 0.0| 464.9|
| 6- 1|si| 9| Ty | -457.9| 0.0| 0.0| 457.9|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3558.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3504.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -464.8| 0.0| 0.0| 464.8|
| 5- 1|si| 6| Tz | -464.8| 0.0| 0.0| 464.8|
| 6- 1|si| 9| Ty | -457.7| 0.0| 0.0| 457.7|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3557.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3503.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -464.7| 0.0| 0.0| 464.7|
| 5- 1|si| 6| Tz | -464.7| 0.0| 0.0| 464.7|
| 6- 1|si| 9| Ty | -457.6| 0.0| 0.0| 457.6|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3557.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -3502.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -464.6| 0.0| 0.0| 464.6|
| 5- 1|si| 6| Tz | -464.6| 0.0| 0.0| 464.6|
| 6- 1|si| 9| Ty | -457.5| 0.0| 0.0| 457.5|
-----
PROGR. 88.

VERIFICA STABILITA' :
|L0 = 88.0|
Z |Lc = 88.0|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.0|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -3563.8|Mzeq = 0.0|Myeq = 0.0|Ss = -749.6 ( 0.286)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 561- 537) 904
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5420.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5362.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -708.0| 0.0| 0.0| 708.0|
| 6- 1|si| 6| Tz | -700.4| 0.0| 0.0| 700.4|
| 6- 1|si| 9| Ty | -700.4| 0.0| 0.0| 700.4|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5419.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5362.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -707.9| 0.0| 0.0| 707.9|
| 6- 1|si| 6| Tz | -700.3| 0.0| 0.0| 700.3|
| 6- 1|si| 9| Ty | -700.3| 0.0| 0.0| 700.3|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5418.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5361.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -707.8| 0.0| 0.0| 707.8|
| 6- 1|si| 6| Tz | -700.2| 0.0| 0.0| 700.2|
| 6- 1|si| 9| Ty | -700.2| 0.0| 0.0| 700.2|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

5- 1	0.0	0.0	0.0	-5417.9	0.0	0.0
6- 1	0.0	0.0	0.0	-5360.3	0.0	0.0

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-707.6|	0.0|	0.0|	707.6|
| 6- 1|si| 6| Tz |	-700.1|	0.0|	0.0|	0.0|	700.1|
| 6- 1|si| 9| Ty |	-700.1|	0.0|	0.0|	0.0|	700.1|

PROGR.

44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5417.1|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-5359.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-707.5|	0.0|	0.0|	707.5|
| 6- 1|si| 6| Tz |	-700.0|	0.0|	0.0|	0.0|	700.0|
| 6- 1|si| 9| Ty |	-700.0|	0.0|	0.0|	0.0|	700.0|

PROGR.

55.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5416.2|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-5358.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-707.4|	0.0|	0.0|	707.4|
| 6- 1|si| 6| Tz |	-699.9|	0.0|	0.0|	0.0|	699.9|
| 6- 1|si| 9| Ty |	-699.9|	0.0|	0.0|	0.0|	699.9|

PROGR.

66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5415.4|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-5357.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-707.3|	0.0|	0.0|	707.3|
| 6- 1|si| 6| Tz |	-699.8|	0.0|	0.0|	0.0|	699.8|
| 6- 1|si| 9| Ty |	-699.8|	0.0|	0.0|	0.0|	699.8|

PROGR.

77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5414.5|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-5356.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-707.2|	0.0|	0.0|	707.2|
| 6- 1|si| 6| Tz |	-699.7|	0.0|	0.0|	0.0|	699.7|
| 6- 1|si| 9| Ty |	-699.7|	0.0|	0.0|	0.0|	699.7|

PROGR.

88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-5413.7|	0.0|	0.0|
| 6- 1|	0.0|	0.0|	0.0|	-5356.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 2|Sx |	Si |	-707.1|	0.0|	0.0|	707.1|
| 6- 1|si| 6| Tz |	-699.6|	0.0|	0.0|	0.0|	699.6|
| 6- 1|si| 9| Ty |	-699.6|	0.0|	0.0|	0.0|	699.6|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -5420.5|Mzeq = 0.0|Myeq = 0.0|Ss = -1140.2 (0.435)

P_IPE80_S008 (8) stato limite ultimo - ASTA (562- 538) 905

----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-5156.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-673.5|	0.0|	0.0|	673.5|
| 6- 1|si| 6| Tz |	-673.5|	0.0|	0.0|	0.0|	673.5|
| 6- 1|si| 9| Ty |	-673.5|	0.0|	0.0|	0.0|	673.5|

PROGR.

11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-5155.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-673.4|	0.0|	0.0|	673.4|
| 6- 1|si| 6| Tz |	-673.4|	0.0|	0.0|	0.0|	673.4|
| 6- 1|si| 9| Ty |	-673.4|	0.0|	0.0|	0.0|	673.4|

PROGR.

22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-5154.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-673.3|	0.0|	0.0|	673.3|
| 6- 1|si| 6| Tz |	-673.3|	0.0|	0.0|	0.0|	673.3|
| 6- 1|si| 9| Ty |	-673.3|	0.0|	0.0|	0.0|	673.3|

PROGR.

33.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-5154.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-5154.0	0.0	0.0

Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -673.2| 0.0| 0.0| 673.2|
| 6- 1|si| 6| Tz | -673.2| 0.0| 0.0| 673.2|
| 6- 1|si| 9| Ty | -673.2| 0.0| 0.0| 673.2|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5153.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -673.1| 0.0| 0.0| 673.1|
| 6- 1|si| 6| Tz | -673.1| 0.0| 0.0| 673.1|
| 6- 1|si| 9| Ty | -673.1| 0.0| 0.0| 673.1|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5152.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -673.0| 0.0| 0.0| 673.0|
| 6- 1|si| 6| Tz | -673.0| 0.0| 0.0| 673.0|
| 6- 1|si| 9| Ty | -673.0| 0.0| 0.0| 673.0|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5151.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -672.8| 0.0| 0.0| 672.8|
| 6- 1|si| 6| Tz | -672.8| 0.0| 0.0| 672.8|
| 6- 1|si| 9| Ty | -672.8| 0.0| 0.0| 672.8|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5150.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -672.7| 0.0| 0.0| 672.7|
| 6- 1|si| 6| Tz | -672.7| 0.0| 0.0| 672.7|
| 6- 1|si| 9| Ty | -672.7| 0.0| 0.0| 672.7|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -5149.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -672.6| 0.0| 0.0| 672.6|
| 6- 1|si| 6| Tz | -672.6| 0.0| 0.0| 672.6|
| 6- 1|si| 9| Ty | -672.6| 0.0| 0.0| 672.6|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -5156.6|Mzeq = 0.0|Myeq = 0.0|Ss = -1084.6 ( 0.414)
P_IPE80_s008 ( 8) stato limite ultimo - ASTA ( 563- 539) 906
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5765.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5710.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -753.0| 0.0| 0.0| 753.0|
| 6- 1|si| 6| Tz | -745.9| 0.0| 0.0| 745.9|
| 6- 1|si| 9| Ty | -745.9| 0.0| 0.0| 745.9|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5764.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5709.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -752.9| 0.0| 0.0| 752.9|
| 6- 1|si| 6| Tz | -745.8| 0.0| 0.0| 745.8|
| 6- 1|si| 9| Ty | -745.8| 0.0| 0.0| 745.8|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5763.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5708.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -752.7| 0.0| 0.0| 752.7|
| 6- 1|si| 6| Tz | -745.6| 0.0| 0.0| 745.6|
| 6- 1|si| 9| Ty | -745.6| 0.0| 0.0| 745.6|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -5762.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -5708.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -752.6| 0.0| 0.0| 752.6|
| 6- 1|si| 6| Tz | -745.5| 0.0| 0.0| 745.5|
| 6- 1|si| 9| Ty | -745.5| 0.0| 0.0| 745.5|

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Copertura area carburante - Relazione di calcolo

-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-5761.5|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5707.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 2|Sx	Si	-752.5|	0.0|	0.0|	752.5|		
| 6- 1|	|si| 6| Tz		-745.4|	0.0|	0.0|	745.4|		
| 6- 1|	|si| 9| Ty		-745.4|	0.0|	0.0|	745.4|		
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-5760.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5706.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 2|Sx	Si	-752.4|	0.0|	0.0|	752.4|		
| 6- 1|	|si| 6| Tz		-745.3|	0.0|	0.0|	745.3|		
| 6- 1|	|si| 9| Ty		-745.3|	0.0|	0.0|	745.3|		
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-5759.8|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5705.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 2|Sx	Si	-752.3|	0.0|	0.0|	752.3|		
| 6- 1|	|si| 6| Tz		-745.2|	0.0|	0.0|	745.2|		
| 6- 1|	|si| 9| Ty		-745.2|	0.0|	0.0|	745.2|		
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-5759.0|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5704.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 2|Sx	Si	-752.2|	0.0|	0.0|	752.2|		
| 6- 1|	|si| 6| Tz		-745.1|	0.0|	0.0|	745.1|		
| 6- 1|	|si| 9| Ty		-745.1|	0.0|	0.0|	745.1|		
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-5758.1|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-5703.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 2|Sx	Si	-752.1|	0.0|	0.0|	752.1|		
| 6- 1|	|si| 6| Tz		-745.0|	0.0|	0.0|	745.0|		
| 6- 1|	|si| 9| Ty		-745.0|	0.0|	0.0|	745.0|		

VERIFICA STABILITA` :								
|L0 = 88. |								
Z	|Lc = 88. |	Ro = 3.24|	lm = 27.2|	Ncr= 214856.6|	alfa(a)=0.2100|	ki=0.9744|		
Y	|Lc = 88. |	Ro = 1.05|	lm = 83.6|	Ncr= 22725.8|	alfa(b)=0.3400|	ki=0.6209|		
Caso 5- 1 - Nodo 2 - Asse Y								
Ned = -5765.0|Mzeq = 0.0|Myeq = 0.0|Ss = -1212.6 (0.463)								

P_IPE80_S008 (8) stato limite ultimo - ASTA (564- 540) 910								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-7574.4|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7518.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 1|Sx	Si	-989.3|	0.0|	0.0|	989.3|		
| 5- 1|	|si| 6| Tz		-989.3|	0.0|	0.0|	989.3|		
| 6- 1|	|si| 9| Ty		-982.0|	0.0|	0.0|	982.0|		
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-7573.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7517.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 1|Sx	Si	-989.2|	0.0|	0.0|	989.2|		
| 5- 1|	|si| 6| Tz		-989.2|	0.0|	0.0|	989.2|		
| 6- 1|	|si| 9| Ty		-981.9|	0.0|	0.0|	981.9|		
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-7572.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7516.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 1|Sx	Si	-989.1|	0.0|	0.0|	989.1|		
| 5- 1|	|si| 6| Tz		-989.1|	0.0|	0.0|	989.1|		
| 6- 1|	|si| 9| Ty		-981.7|	0.0|	0.0|	981.7|		
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-7571.9|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-7515.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|	|si| 1|Sx	Si	-989.0|	0.0|	0.0|	989.0|		
5- 1	si 6 Tz		-989.0	0.0	0.0	989.0		

Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 9| Ty | -981.6| 0.0| 0.0| 981.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7571.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7514.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -988.9| 0.0| 0.0| 988.9|
| 5- 1|si| 6| Tz | -988.9| 0.0| 0.0| 988.9|
| 6- 1|si| 9| Ty | -981.5| 0.0| 0.0| 981.5|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7570.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7513.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -988.8| 0.0| 0.0| 988.8|
| 5- 1|si| 6| Tz | -988.8| 0.0| 0.0| 988.8|
| 6- 1|si| 9| Ty | -981.4| 0.0| 0.0| 981.4|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7569.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7513.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -988.6| 0.0| 0.0| 988.6|
| 5- 1|si| 6| Tz | -988.6| 0.0| 0.0| 988.6|
| 6- 1|si| 9| Ty | -981.3| 0.0| 0.0| 981.3|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7568.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7512.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -988.5| 0.0| 0.0| 988.5|
| 5- 1|si| 6| Tz | -988.5| 0.0| 0.0| 988.5|
| 6- 1|si| 9| Ty | -981.2| 0.0| 0.0| 981.2|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7567.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7511.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -988.4| 0.0| 0.0| 988.4|
| 5- 1|si| 6| Tz | -988.4| 0.0| 0.0| 988.4|
| 6- 1|si| 9| Ty | -981.1| 0.0| 0.0| 981.1|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -7574.4|Mzeq = 0.0|Myeq = 0.0|Ss = -1593.2 ( 0.608)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 565- 541) 911
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7136.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7132.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -932.1| 0.0| 0.0| 932.1|
| 5- 1|si| 6| Tz | -932.1| 0.0| 0.0| 932.1|
| 6- 1|si| 9| Ty | -931.5| 0.0| 0.0| 931.5|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7135.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7131.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -932.0| 0.0| 0.0| 932.0|
| 5- 1|si| 6| Tz | -932.0| 0.0| 0.0| 932.0|
| 6- 1|si| 9| Ty | -931.4| 0.0| 0.0| 931.4|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7134.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7130.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -931.9| 0.0| 0.0| 931.9|
| 5- 1|si| 6| Tz | -931.9| 0.0| 0.0| 931.9|
| 6- 1|si| 9| Ty | -931.3| 0.0| 0.0| 931.3|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7133.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7129.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -931.8| 0.0| 0.0| 931.8|

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Copertura area carburante - Relazione di calcolo

5- 1 si 6	Tz		-931.8	0.0	0.0	931.8							
6- 1 si 9	Ty		-931.2	0.0	0.0	931.2							
-----							PROGR.	44.					
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7133.0|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7128.6|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					
| 5- 1|si| 2|Sx	Si	|	-931.7|		0.0|		0.0|		931.7|				
| 5- 1|si| 6|	Tz	|	-931.7|		0.0|		0.0|		931.7|				
| 6- 1|si| 9|	Ty	|	-931.1|		0.0|		0.0|		931.1|				
-----												PROGR.	55.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7132.1|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7127.8|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					
| 5- 1|si| 2|Sx	Si	|	-931.5|		0.0|		0.0|		931.5|				
| 5- 1|si| 6|	Tz	|	-931.5|		0.0|		0.0|		931.5|				
| 6- 1|si| 9|	Ty	|	-931.0|		0.0|		0.0|		931.0|				
-----												PROGR.	66.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7131.3|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7126.9|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					
| 5- 1|si| 2|Sx	Si	|	-931.4|		0.0|		0.0|		931.4|				
| 5- 1|si| 6|	Tz	|	-931.4|		0.0|		0.0|		931.4|				
| 6- 1|si| 9|	Ty	|	-930.9|		0.0|		0.0|		930.9|				
-----												PROGR.	77.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7130.4|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7126.1|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					
| 5- 1|si| 2|Sx	Si	|	-931.3|		0.0|		0.0|		931.3|				
| 5- 1|si| 6|	Tz	|	-931.3|		0.0|		0.0|		931.3|				
| 6- 1|si| 9|	Ty	|	-930.8|		0.0|		0.0|		930.8|				
-----												PROGR.	88.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7129.6|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7125.2|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					
| 5- 1|si| 2|Sx	Si	|	-931.2|		0.0|		0.0|		931.2|				
| 5- 1|si| 6|	Tz	|	-931.2|		0.0|		0.0|		931.2|				
| 6- 1|si| 9|	Ty	|	-930.6|		0.0|		0.0|		930.6|				

VERIFICA STABILITA` :													
|L0 =	88. |												
Z |Lc =	88. |Ro =	3.24|lm =	27.2|Ncr=	214856.6|	alfa(a)=	0.2100|	ki=	0.9744|					
Y |Lc =	88. |Ro =	1.05|lm =	83.6|Ncr=	22725.8|	alfa(b)=	0.3400|	ki=	0.6209|					
Caso 5- 1 - Nodo 2 - Asse Y													
Ned =	-7136.4|	Mzeq =	0.0|	Myeq =	0.0|	Ss =	-1501.1 (	0.573)				
P_IPE80_S008 (8)	stato limite ultimo - ASTA (566-	542)	912		
-----												PROGR.	0.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7929.0|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7881.2|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					
| 5- 1|si| 1|Sx	Si	|	-1035.6|		0.0|		0.0|		1035.6|				
| 5- 1|si| 6|	Tz	|	-1035.6|		0.0|		0.0|		1035.6|				
| 6- 1|si| 9|	Ty	|	-1029.4|		0.0|		0.0|		1029.4|				
-----												PROGR.	11.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7928.1|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7880.4|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					
| 5- 1|si| 1|Sx	Si	|	-1035.5|		0.0|		0.0|		1035.5|				
| 5- 1|si| 6|	Tz	|	-1035.5|		0.0|		0.0|		1035.5|				
| 6- 1|si| 9|	Ty	|	-1029.3|		0.0|		0.0|		1029.3|				
-----												PROGR.	22.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7927.3|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7879.5|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					
| 5- 1|si| 1|Sx	Si	|	-1035.4|		0.0|		0.0|		1035.4|				
| 5- 1|si| 6|	Tz	|	-1035.4|		0.0|		0.0|		1035.4|				
| 6- 1|si| 9|	Ty	|	-1029.2|		0.0|		0.0|		1029.2|				
-----												PROGR.	33.
SOLLECITAZIONI :													
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|	
| 5- 1|	0.0|		0.0|		0.0|		-7926.4|		0.0|		0.0|		
| 6- 1|	0.0|		0.0|		0.0|		-7878.7|		0.0|		0.0|		
TENSIONI (Sz= 0.00) :													
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|					

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 2|Sx  Si| -1035.3| 0.0| 0.0| 1035.3|
| 5- 1|si| 6| Tz  | -1035.3| 0.0| 0.0| 1035.3|
| 6- 1|si| 9| Ty  | -1029.0| 0.0| 0.0| 1029.0|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7925.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7877.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -1035.2| 0.0| 0.0| 1035.2|
| 5- 1|si| 6| Tz  | -1035.2| 0.0| 0.0| 1035.2|
| 6- 1|si| 9| Ty  | -1028.9| 0.0| 0.0| 1028.9|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7924.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7876.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -1035.1| 0.0| 0.0| 1035.1|
| 5- 1|si| 6| Tz  | -1035.1| 0.0| 0.0| 1035.1|
| 6- 1|si| 9| Ty  | -1028.8| 0.0| 0.0| 1028.8|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7923.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7876.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -1035.0| 0.0| 0.0| 1035.0|
| 5- 1|si| 6| Tz  | -1035.0| 0.0| 0.0| 1035.0|
| 6- 1|si| 9| Ty  | -1028.7| 0.0| 0.0| 1028.7|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7923.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7875.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -1034.8| 0.0| 0.0| 1034.8|
| 5- 1|si| 6| Tz  | -1034.8| 0.0| 0.0| 1034.8|
| 6- 1|si| 9| Ty  | -1028.6| 0.0| 0.0| 1028.6|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -7922.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -7874.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -1034.7| 0.0| 0.0| 1034.7|
| 5- 1|si| 6| Tz  | -1034.7| 0.0| 0.0| 1034.7|
| 6- 1|si| 9| Ty  | -1028.5| 0.0| 0.0| 1028.5|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -7929.0|Mzeq = 0.0|Myeq = 0.0|Ss = -1667.8 ( 0.637)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 9- 10) 2044
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1038.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1037.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -135.6| 0.0| 0.0| 135.6|
| 6- 1|si| 6| Tz  | -135.6| 0.0| 0.0| 135.6|
| 6- 1|si| 9| Ty  | -135.6| 0.0| 0.0| 135.6|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1037.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1037.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -135.5| 0.0| 0.0| 135.5|
| 6- 1|si| 6| Tz  | -135.4| 0.0| 0.0| 135.4|
| 6- 1|si| 9| Ty  | -135.4| 0.0| 0.0| 135.4|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1036.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1036.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx  Si| -135.3| 0.0| 0.0| 135.3|
| 6- 1|si| 6| Tz  | -135.3| 0.0| 0.0| 135.3|
| 6- 1|si| 9| Ty  | -135.3| 0.0| 0.0| 135.3|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1035.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1035.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-135.2	0.0	135.2
6-1	|si|	6	Tz		-135.2	0.0	135.2
6-1	|si|	9	Ty		-135.2	0.0	135.2

44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1034.6	0.0	0.0
6-1	0.0	0.0	0.0	-1034.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-135.1	0.0	135.1
6-1	|si|	6	Tz		-135.1	0.0	135.1
6-1	|si|	9	Ty		-135.1	0.0	135.1

55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1033.7	0.0	0.0
6-1	0.0	0.0	0.0	-1033.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-135.0	0.0	135.0
6-1	|si|	6	Tz		-135.0	0.0	135.0
6-1	|si|	9	Ty		-135.0	0.0	135.0

66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1032.8	0.0	0.0
6-1	0.0	0.0	0.0	-1032.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-134.9	0.0	134.9
6-1	|si|	6	Tz		-134.9	0.0	134.9
6-1	|si|	9	Ty		-134.9	0.0	134.9

77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1032.0	0.0	0.0
6-1	0.0	0.0	0.0	-1031.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-134.8	0.0	134.8
6-1	|si|	6	Tz		-134.8	0.0	134.8
6-1	|si|	9	Ty		-134.8	0.0	134.8

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1031.1	0.0	0.0
6-1	0.0	0.0	0.0	-1031.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-134.7	0.0	134.7
6-1	|si|	6	Tz		-134.7	0.0	134.7
6-1	|si|	9	Ty		-134.7	0.0	134.7

VERIFICA STABILITA` :

L0 = 88.1
 Z |Lc = 88.1 |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88.1 |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 5-1 - Nodo 2 - Asse Y
 Ned = -1038.0 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -218.3 (0.083)

P_IPE80_S008 (8) stato limite ultimo - ASTA (555- 531) 2045
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2101.5	0.0	0.0
5-1	0.0	0.0	0.0	-2099.3	0.0	0.0
7-1	0.0	0.0	0.0	-1888.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	Si	-274.5	0.0	274.5
5-1	|si|	5	Tz		-274.2	0.0	274.2
7-1	|si|	9	Ty		-246.6	0.0	246.6

11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2100.7	0.0	0.0
5-1	0.0	0.0	0.0	-2098.5	0.0	0.0
7-1	0.0	0.0	0.0	-1887.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-274.4	0.0	274.4
5-1	|si|	5	Tz		-274.1	0.0	274.1
7-1	|si|	9	Ty		-246.5	0.0	246.5

22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2099.8	0.0	0.0
5-1	0.0	0.0	0.0	-2097.6	0.0	0.0
7-1	0.0	0.0	0.0	-1886.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-274.3	0.0	274.3
5-1	|si|	5	Tz		-274.0	0.0	274.0
7-1	|si|	9	Ty		-246.4	0.0	246.4

33.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2099.0	0.0	0.0
5-1	0.0	0.0	0.0	-2096.8	0.0	0.0
7-1	0.0	0.0	0.0	-1885.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	2	|Sx	Si	-274.2	0.0	0.0	274.2
5-1	|si	5	|Tz		-273.9	0.0	0.0	273.9
7-1	|si	9	|Ty		-246.3	0.0	0.0	246.3

PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2098.1	0.0	0.0
5-1	0.0	0.0	0.0	-2095.9	0.0	0.0
7-1	0.0	0.0	0.0	-1884.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	2	|Sx	Si	-274.0	0.0	0.0	274.0
5-1	|si	5	|Tz		-273.8	0.0	0.0	273.8
7-1	|si	9	|Ty		-246.2	0.0	0.0	246.2

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2097.3	0.0	0.0
5-1	0.0	0.0	0.0	-2095.1	0.0	0.0
7-1	0.0	0.0	0.0	-1883.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	2	|Sx	Si	-273.9	0.0	0.0	273.9
5-1	|si	5	|Tz		-273.6	0.0	0.0	273.6
7-1	|si	9	|Ty		-246.0	0.0	0.0	246.0

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2096.4	0.0	0.0
5-1	0.0	0.0	0.0	-2094.2	0.0	0.0
7-1	0.0	0.0	0.0	-1883.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	3	|Sx	Si	-273.8	0.0	0.0	273.8
5-1	|si	5	|Tz		-273.5	0.0	0.0	273.5
7-1	|si	9	|Ty		-245.9	0.0	0.0	245.9

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2095.6	0.0	0.0
5-1	0.0	0.0	0.0	-2093.4	0.0	0.0
7-1	0.0	0.0	0.0	-1882.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	3	|Sx	Si	-273.7	0.0	0.0	273.7
5-1	|si	5	|Tz		-273.4	0.0	0.0	273.4
7-1	|si	9	|Ty		-245.8	0.0	0.0	245.8

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2094.7	0.0	0.0
5-1	0.0	0.0	0.0	-2092.5	0.0	0.0
7-1	0.0	0.0	0.0	-1881.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	3	|Sx	Si	-273.6	0.0	0.0	273.6
5-1	|si	5	|Tz		-273.3	0.0	0.0	273.3
7-1	|si	9	|Ty		-245.7	0.0	0.0	245.7

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -2101.5 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -442.0 (0.169)

P_IPE80_S008 (8) stato limite ultimo - ASTA (556- 532) 2046
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2127.2	0.0	0.0
12-11	0.0	0.0	0.0	-418.9	0.0	0.0
12-10	0.0	0.0	0.0	-419.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	1	|Sx	Si	-277.8	0.0	0.0	277.8
12-11	|si	5	|Tz		-54.7	0.0	0.0	54.7
12-10	|si	9	|Ty		-54.7	0.0	0.0	54.7

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2126.4	0.0	0.0
12-11	0.0	0.0	0.0	-418.2	0.0	0.0
12-10	0.0	0.0	0.0	-418.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si	2	|Sx	Si	-277.7	0.0	0.0	277.7
12-11	si	5	Tz		-54.6	0.0	0.0	54.6
12-10	si	9	Ty		-54.6	0.0	0.0	54.6

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

6- 1	0.0	0.0	0.0	-2125.5	0.0	0.0
12-11	0.0	0.0	0.0	-417.6	0.0	0.0
| 12-10|	0.0|	0.0|	0.0|	-417.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-277.6|	0.0|	0.0|	277.6|
| 12-11|	|si|	5|	Tz	|	-54.5|	0.0|	0.0|	54.5|
| 12-10|	|si|	9|	Ty	|	-54.6|	0.0|	0.0|	54.6|

PROGR.

33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2124.7|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-416.9|	0.0|	0.0|
| 12-10|	0.0|	0.0|	0.0|	-417.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-277.5|	0.0|	0.0|	277.5|
| 12-11|	|si|	5|	Tz	|	-54.5|	0.0|	0.0|	54.5|
| 12-10|	|si|	9|	Ty	|	-54.5|	0.0|	0.0|	54.5|

PROGR.

44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2123.8|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-416.3|	0.0|	0.0|
| 12-10|	0.0|	0.0|	0.0|	-416.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-277.4|	0.0|	0.0|	277.4|
| 12-11|	|si|	5|	Tz	|	-54.4|	0.0|	0.0|	54.4|
| 12-10|	|si|	9|	Ty	|	-54.4|	0.0|	0.0|	54.4|

PROGR.

55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2123.0|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-415.6|	0.0|	0.0|
| 12-10|	0.0|	0.0|	0.0|	-415.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-277.3|	0.0|	0.0|	277.3|
| 12-11|	|si|	5|	Tz	|	-54.3|	0.0|	0.0|	54.3|
| 12-10|	|si|	9|	Ty	|	-54.3|	0.0|	0.0|	54.3|

PROGR.

66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2122.1|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-414.9|	0.0|	0.0|
| 12-10|	0.0|	0.0|	0.0|	-415.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-277.2|	0.0|	0.0|	277.2|
| 12-11|	|si|	5|	Tz	|	-54.2|	0.0|	0.0|	54.2|
| 12-10|	|si|	9|	Ty	|	-54.2|	0.0|	0.0|	54.2|

PROGR.

77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2121.3|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-414.3|	0.0|	0.0|
| 12-10|	0.0|	0.0|	0.0|	-414.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-277.1|	0.0|	0.0|	277.1|
| 12-11|	|si|	5|	Tz	|	-54.1|	0.0|	0.0|	54.1|
| 12-10|	|si|	9|	Ty	|	-54.1|	0.0|	0.0|	54.1|

PROGR.

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2120.4|	0.0|	0.0|
| 12-11|	0.0|	0.0|	0.0|	-413.6|	0.0|	0.0|
| 12-10|	0.0|	0.0|	0.0|	-413.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-277.0|	0.0|	0.0|	277.0|
| 12-11|	|si|	5|	Tz	|	-54.0|	0.0|	0.0|	54.0|
| 12-10|	|si|	9|	Ty	|	-54.0|	0.0|	0.0|	54.0|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -2127.2|Mzeq = 0.0|Myeq = 0.0|Ss = -447.5 (0.171)

P_IPE80_S008 (8) stato limite ultimo - ASTA (557- 533) 2047
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2179.3|	0.0|	0.0|
| 12-15|	0.0|	0.0|	0.0|	-420.7|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1955.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	1|	Sx	Si|	-284.6|	0.0|	0.0|	284.6|
| 12-15|	|si|	5|	Tz	|	-54.9|	0.0|	0.0|	54.9|
| 7- 1|	|si|	9|	Ty	|	-255.4|	0.0|	0.0|	255.4|

PROGR.

11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2178.4|	0.0|	0.0|

Copertura area carburante - Relazione di calcolo

| 12-15|	0.0|	0.0|	0.0|	-420.0|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1954.4|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-284.5|	0.0|	0.0|	284.5|	
| 12-15|si| 5| Tz |		-54.9|	0.0|	0.0|	54.9|	
| 7- 1|si| 9| Ty |		-255.3|	0.0|	0.0|	255.3|	

PROGR. 22.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2177.6|	0.0|	0.0|
| 12-15|	0.0|	0.0|	0.0|	-419.4|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1953.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-284.4|	0.0|	0.0|	284.4|	
| 12-15|si| 5| Tz |		-54.8|	0.0|	0.0|	54.8|	
| 7- 1|si| 9| Ty |		-255.2|	0.0|	0.0|	255.2|	

PROGR. 33.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2176.7|	0.0|	0.0|
| 12-15|	0.0|	0.0|	0.0|	-418.7|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1952.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-284.3|	0.0|	0.0|	284.3|	
| 12-15|si| 5| Tz |		-54.7|	0.0|	0.0|	54.7|	
| 7- 1|si| 9| Ty |		-255.1|	0.0|	0.0|	255.1|	

PROGR. 44.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2175.8|	0.0|	0.0|
| 12-15|	0.0|	0.0|	0.0|	-418.1|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1951.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-284.2|	0.0|	0.0|	284.2|	
| 12-15|si| 5| Tz |		-54.6|	0.0|	0.0|	54.6|	
| 7- 1|si| 9| Ty |		-254.9|	0.0|	0.0|	254.9|	

PROGR. 55.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2175.0|	0.0|	0.0|
| 12-15|	0.0|	0.0|	0.0|	-417.4|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1951.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-284.1|	0.0|	0.0|	284.1|	
| 12-15|si| 5| Tz |		-54.5|	0.0|	0.0|	54.5|	
| 7- 1|si| 9| Ty |		-254.8|	0.0|	0.0|	254.8|	

PROGR. 66.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2174.1|	0.0|	0.0|
| 12-15|	0.0|	0.0|	0.0|	-416.7|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1950.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-284.0|	0.0|	0.0|	284.0|	
| 12-15|si| 5| Tz |		-54.4|	0.0|	0.0|	54.4|	
| 7- 1|si| 9| Ty |		-254.7|	0.0|	0.0|	254.7|	

PROGR. 77.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2173.3|	0.0|	0.0|
| 12-15|	0.0|	0.0|	0.0|	-416.1|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1949.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-283.9|	0.0|	0.0|	283.9|	
| 12-15|si| 5| Tz |		-54.3|	0.0|	0.0|	54.3|	
| 7- 1|si| 9| Ty |		-254.6|	0.0|	0.0|	254.6|	

PROGR. 88.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-2172.4|	0.0|	0.0|
| 12-15|	0.0|	0.0|	0.0|	-415.4|	0.0|	0.0|
| 7- 1|	0.0|	0.0|	0.0|	-1948.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 2|Sx |	Si|	-283.7|	0.0|	0.0|	283.7|	
| 12-15|si| 5| Tz |		-54.3|	0.0|	0.0|	54.3|	
| 7- 1|si| 9| Ty |		-254.5|	0.0|	0.0|	254.5|	

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -2179.3 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -458.4 (0.175)

P_HEA120_S011 (11) stato limite ultimo - ASTA (3- 5) 12
 ----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12-10|	1407.3|	10725.8|	0.0|	4316.5|	82.5|	22.6|
| 12-11|	-839.9|	10633.3|	0.0|	-81.1|	83.0|	30.2|

Copertura area carburante - Relazione di calcolo

| 6- 1|	933.2|	-7399.0|	0.0|	1262.9|	-26.8|	47.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 12-10|	|si| 4|	Sx Si|	461.7|	0.0|	0.0|	461.7|
| 12-11|	|si| 5|	Tz |	71.5|	7.3|	0.0|	72.6|
| 6- 1|	|si| 9|	Ty |	41.7|	0.0|	-9.3|	44.7|

24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	4089.0|	2732.3|	0.0|	8532.6|	24.2|	9.5|
| 12-11|	-169.5|	8631.6|	0.0|	-81.1|	83.0|	25.4|
| 6- 1|	1994.1|	-6556.0|	0.0|	1262.9|	-43.1|	40.9|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 7|	|si| 4|	Sx Si|	445.1|	0.0|	0.0|	445.1|
| 12-11|	|si| 5|	Tz |	52.6|	7.1|	0.0|	54.0|
| 6- 1|	|si| 9|	Ty |	42.6|	0.0|	-8.1|	44.8|

48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	4259.2|	2147.7|	0.0|	8532.6|	24.2|	4.7|
| 8- 1|	2560.0|	-8681.4|	0.0|	818.4|	-99.7|	33.1|
| 6- 1|	2904.8|	-5320.2|	0.0|	1262.9|	-59.4|	34.6|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 7|	|si| 4|	Sx Si|	431.5|	0.0|	0.0|	431.5|
| 8- 1|	|si| 6|	Tz |	62.7|	-8.6|	0.0|	64.5|
| 6- 1|	|si| 9|	Ty |	43.9|	0.0|	-6.8|	45.5|

72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	4313.8|	1563.1|	0.0|	8532.6|	24.2|	-0.1|
| 8- 1|	3282.4|	-5948.4|	0.0|	818.4|	-126.9|	26.8|
| 6- 1|	3665.2|	-3691.5|	0.0|	1262.9|	-75.7|	28.4|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 7|	|si| 4|	Sx Si|	416.9|	0.0|	0.0|	416.9|
| 8- 1|	|si| 6|	Tz |	38.8|	-10.4|	0.0|	42.7|
| 6- 1|	|si| 9|	Ty |	45.7|	0.0|	-5.6|	46.7|

96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	4252.9|	978.4|	0.0|	8532.6|	24.2|	-4.9|
| 8- 1|	3854.4|	-2560.5|	0.0|	818.4|	-154.0|	20.6|
| 6- 1|	4275.3|	-1669.9|	0.0|	1262.9|	-91.9|	22.2|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 7|	|si| 4|	Sx Si|	401.1|	0.0|	0.0|	401.1|
| 8- 1|	|si| 6|	Tz |	12.1|	-12.1|	0.0|	24.2|
| 6- 1|	|si| 9|	Ty |	47.9|	0.0|	-4.4|	48.5|

121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	4076.4|	393.8|	0.0|	8532.6|	24.2|	-9.7|
| 8- 1|	4276.3|	1482.1|	0.0|	818.4|	-181.1|	14.4|
| 11-12|	-415.1|	-191.7|	0.0|	-6568.8|	25.3|	16.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 7|	|si| 4|	Sx Si|	384.3|	0.0|	0.0|	384.3|
| 8- 1|	|si| 6|	Tz |	-17.2|	-13.9|	0.0|	29.5|
| 11-12|	|si| 9|	Ty |	-258.7|	0.0|	-3.2|	258.8|

145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	3784.2|	-190.9|	0.0|	8532.6|	24.2|	-14.5|
| 8- 1|	4547.8|	6179.5|	0.0|	818.4|	-208.3|	8.1|
| 11- 5|	3650.1|	597.1|	0.0|	8191.9|	-24.7|	-15.1|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 7|	|si| 3|	Sx Si|	376.3|	0.0|	0.0|	376.3|
| 8- 1|	|si| 6|	Tz |	-49.3|	-15.6|	0.0|	56.2|
| 11- 5|	|si| 9|	Ty |	323.0|	0.0|	3.0|	323.1|

169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 7|	3376.5|	-775.5|	0.0|	8532.6|	24.2|	-19.3|
| 8- 2|	1264.4|	-11969.1|	0.0|	-707.7|	236.6|	-8.1|
| 11- 5|	3228.9|	1193.0|	0.0|	8191.9|	-24.7|	-19.9|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 11- 7|	|si| 3|	Sx Si|	387.6|	0.0|	0.0|	387.6|
| 8- 2|	|si| 6|	Tz |	35.4|	17.7|	0.0|	46.8|
| 11- 5|	|si| 9|	Ty |	323.7|	0.0|	3.9|	323.7|

193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	4640.1|	17538.6|	0.0|	818.4|	-262.6|	-4.3|
| 8- 2|	994.2|	-18005.1|	0.0|	-707.7|	263.8|	-14.3|
| 11- 5|	2692.1|	1788.9|	0.0|	8191.9|	-24.7|	-24.6|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 8- 1|	|si| 4|	Sx Si|	531.4|	0.0|	0.0|	531.4|
| 8- 2|	|si| 6|	Tz |	75.9|	19.9|	0.0|	83.4|
| 11- 5|	|si| 9|	Ty |	324.3|	0.0|	4.9|	324.4|

VERIFICA STABILITA' :

|L0 = 193. |
 Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|

Copertura area carburante - Relazione di calcolo

Y |Lc = 193.0|Ro = 3.0|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Cas011-10 - Nodo 4 - Asse Y
 Ned = -6909.6|Mzeq = -2911.0|Myeq = -2575.7|Ss = -486.3 (0.186)

P_HEA120_S011 (11) stato limite ultimo - ASTA (5- 7) 15
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	4640.1	17538.6	0.0	4563.3	232.9	29.7
6- 1	5213.1	10345.0	0.0	5379.2	139.8	30.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	4	Sx	Si	678.8	0.0	0.0	678.8
8- 1	si	5	Tz	246.2	18.3	0.0	248.2	
6- 1	si	9	Ty	222.9	0.0	-6.0	223.1	

----- PROGR. 24.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	5281.7	12248.1	0.0	4563.3	205.7	23.5
6- 1	5866.1	7168.0	0.0	5379.2	123.5	24.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	4	Sx	Si	547.3	0.0	0.0	547.3
8- 1	si	5	Tz	206.9	16.0	0.0	208.8	
6- 1	si	9	Ty	219.5	0.0	-4.7	219.6	

----- PROGR. 48.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	5773.1	7612.4	0.0	4563.3	178.6	17.3
6- 1	6368.9	4383.8	0.0	5379.2	107.3	17.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	4	Sx	Si	431.5	0.0	0.0	431.5
8- 1	si	5	Tz	173.2	13.8	0.0	174.9	
6- 1	si	9	Ty	216.4	0.0	-3.5	216.5	

----- PROGR. 72.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	6910.7	-194.7	0.0	7535.0	0.5	9.4
8- 1	6114.2	3631.5	0.0	4563.3	151.4	11.0
6- 1	6721.4	1992.5	0.0	5379.2	91.0	11.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	3	Sx	Si	366.4	0.0	0.0	366.4
8- 1	si	5	Tz	145.0	11.6	0.0	146.4	
6- 1	si	9	Ty	213.9	0.0	-2.3	213.9	

----- PROGR. 96.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	7061.8	-207.8	0.0	7535.0	0.5	3.2
8- 1	6305.1	305.4	0.0	4563.3	124.3	4.8
6- 1	6923.6	-6.0	0.0	5379.2	74.7	5.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	3	Sx	Si	368.2	0.0	0.0	368.2
8- 1	si	5	Tz	122.4	9.3	0.0	123.4	
6- 1	si	9	Ty	211.7	0.0	-1.0	211.7	

----- PROGR. 121.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	7062.7	-220.9	0.0	7535.0	0.5	-3.1
8- 2	2010.8	1887.2	0.0	1300.7	-97.1	-7.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	3	Sx	Si	368.5	0.0	0.0	368.5
8- 2	si	5	Tz	44.2	-7.4	0.0	46.0	
8- 2	si	9	Ty	53.2	0.0	1.4	53.3	

----- PROGR. 145.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	6913.3	-234.0	0.0	7535.0	0.5	-9.3
8- 2	1763.4	3901.3	0.0	1300.7	-69.9	-13.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	3	Sx	Si	367.5	0.0	0.0	367.5
8- 2	si	5	Tz	59.1	-5.7	0.0	60.0	
8- 2	si	9	Ty	55.4	0.0	2.6	55.6	

----- PROGR. 169.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	5976.0	-5744.4	0.0	4563.3	42.9	-13.9
8- 2	1365.6	5260.7	0.0	1300.7	-42.8	-19.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	3	Sx	Si	384.9	0.0	0.0	384.9
8- 2	si	5	Tz	71.4	-3.9	0.0	71.7	
8- 2	si	9	Ty	56.9	0.0	3.9	57.3	

----- PROGR. 193.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	5565.8	-6451.5	0.0	4563.3	15.7	-20.1
8- 2	817.6	5965.4	0.0	1300.7	-15.6	-25.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	3	Sx	Si	399.4	0.0	0.0	399.4
8- 2	si	5	Tz	81.0	-2.2	0.0	81.1	
8- 2	si	9	Ty	57.6	0.0	5.1	58.3	

 VERIFICA STABILITA` :

Copertura area carburante - Relazione di calcolo

L0 = 193.1
 Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso11-10 - Nodo 2 - Asse Y
 Ned = -2370.6|Mzeq = 1284.4|Myeq = 857.4|Ss = -167.8 (0.064)

P_HEAL20_S011 (11) stato limite ultimo - ASTA (7- 9) 16
 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	5565.8	-6451.5	0.0	8772.8	15.7	23.7
12- 3	1393.8	1730.6	0.0	1855.9	18.3	23.4
7- 2	219.7	-225.9	0.0	856.0	-0.4	29.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	3	Sx	Si	565.1	0.0	0.0	565.1
12- 3	si	5	Tz	70.8	2.3	0.0	70.9	
7- 2	si	9	Ty	33.4	0.0	-5.7	34.9	
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	6062.1	-6503.7	0.0	8772.8	-11.4	17.5
12- 3	1899.6	1290.1	0.0	1855.9	18.3	18.6
7- 2	844.3	-215.2	0.0	856.0	-0.4	22.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	3	Sx	Si	571.1	0.0	0.0	571.1
12- 3	si	5	Tz	63.3	2.1	0.0	63.4	
7- 2	si	9	Ty	33.5	0.0	-4.5	34.3	
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	6408.1	-5901.3	0.0	8772.8	-38.5	11.2
8- 2	1753.9	5410.3	0.0	2600.4	38.6	13.2
7- 2	1318.6	-204.6	0.0	856.0	-0.4	16.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	3	Sx	Si	558.7	0.0	0.0	558.7
8- 2	si	5	Tz	119.9	3.4	0.0	120.0	
7- 2	si	9	Ty	33.5	0.0	-3.3	33.9	
 ----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	7179.9	-2995.1	0.0	9972.2	-39.3	3.8
8- 2	1996.6	4150.6	0.0	2600.4	65.8	6.9
7- 2	1642.6	-193.9	0.0	856.0	-0.4	10.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	537.6	0.0	0.0	537.6
8- 2	si	5	Tz	109.7	5.1	0.0	110.0	
7- 2	si	9	Ty	33.5	0.0	-2.0	33.7	
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	7359.8	-398.9	0.0	11018.8	0.4	-4.5
8- 1	6649.3	-2732.0	0.0	8772.8	-92.8	-1.2
12-14	2214.7	-172.1	0.0	5011.3	-18.4	-4.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	513.0	0.0	0.0	513.0
8- 1	si	5	Tz	265.7	-6.9	0.0	266.0	
12-14	si	9	Ty	197.0	0.0	0.9	197.0	
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	7176.9	-409.6	0.0	11018.8	0.4	-10.7
8- 1	6544.5	-165.3	0.0	8772.8	-120.0	-7.5
7- 1	6736.0	-325.6	0.0	10517.1	0.5	-10.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	511.6	0.0	0.0	511.6
8- 1	si	5	Tz	282.8	-9.1	0.0	283.3	
7- 1	si	9	Ty	413.5	0.0	2.1	413.6	
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	6843.7	-420.2	0.0	11018.8	0.4	-16.9
8- 1	6289.4	3056.3	0.0	8772.8	-147.1	-13.7
7- 1	6399.6	-338.7	0.0	10517.1	0.5	-17.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	508.8	0.0	0.0	508.8
8- 1	si	5	Tz	305.4	-11.3	0.0	306.1	
7- 1	si	9	Ty	413.5	0.0	3.4	413.6	
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	5884.1	6932.6	0.0	8772.8	-174.2	-19.9
7- 1	5913.0	-351.8	0.0	10517.1	0.5	-23.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	4	Sx	Si	580.6	0.0	0.0	580.6
8- 1	si	5	Tz	333.6	-13.6	0.0	334.4	
7- 1	si	9	Ty	413.5	0.0	4.6	413.6	
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	5328.5	11463.7	0.0	8772.8	-201.4	-26.1
7- 1	5276.1	-364.9	0.0	10517.1	0.5	-29.5

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	|si	4	|Sx	Si	693.1	0.0	0.0	693.1
8- 1	|si	5	|Tz		367.2	-15.8	0.0	368.3
7- 1	|si	9	|Ty		413.5	0.0	5.8	413.6

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (9- 11) 19
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
8- 1	|	5328.5	|	11463.7	|	0.0	6557.4	201.3	19.8
8- 2	|	956.3	|	-11969.3	|	0.0	1591.1	-201.8	22.8
11-12	|	1028.0	|	283.2	|	0.0	6394.3	0.3	26.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	|si	4	|Sx	Si	605.9	0.0	0.0	605.9
8- 2	|si	6	|Tz		128.8	-15.7	0.0	131.6
11-12	|si	9	|Ty		251.9	0.0	-5.3	252.1

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
8- 1	|	5730.8	|	6933.9	|	0.0	6557.4	174.2	13.6
8- 2	|	1431.6	|	-7428.6	|	0.0	1591.1	-174.6	16.6
11-12	|	1616.4	|	277.1	|	0.0	6394.3	0.3	22.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	|si	4	|Sx	Si	492.0	0.0	0.0	492.0
8- 2	|si	6	|Tz		95.8	-13.5	0.0	98.6
11-12	|si	9	|Ty		251.9	0.0	-4.3	252.1

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
8- 1	|	5982.8	|	3059.0	|	0.0	6557.4	147.0	7.3
8- 2	|	1756.6	|	-3542.6	|	0.0	1591.1	-147.5	10.4
11-12	|	2089.2	|	271.1	|	0.0	6394.3	0.3	17.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	|si	4	|Sx	Si	393.7	0.0	0.0	393.7
8- 2	|si	6	|Tz		68.4	-11.2	0.0	71.1
11-12	|si	9	|Ty		251.9	0.0	-3.4	252.0

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
6- 1	|	6558.3	|	-310.9	|	0.0	7364.7	71.8	1.7
8- 2	|	1931.3	|	-311.5	|	0.0	1591.1	-120.4	4.1
11-12	|	2446.4	|	265.0	|	0.0	6394.3	0.3	12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	|Sx	Si	359.4	0.0	0.0	359.4
8- 2	|si	6	|Tz		46.5	-9.0	0.0	49.0
11-12	|si	9	|Ty		251.9	0.0	-2.4	252.0

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
6- 1	|	6524.5	|	-1847.3	|	0.0	7364.7	55.5	-4.5
8- 1	|	6036.0	|	-2726.6	|	0.0	6557.4	92.8	-5.1
11- 5	|	1943.1	|	-457.2	|	0.0	-804.3	-0.2	-10.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	|Sx	Si	399.0	0.0	0.0	399.0
8- 1	|si	6	|Tz		218.6	7.0	0.0	218.9
11- 5	|si	9	|Ty		-32.1	0.0	2.0	32.3

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
8- 1	|	5837.2	|	-4637.3	|	0.0	6557.4	65.6	-11.4
11- 5	|	1638.9	|	-452.3	|	0.0	-804.3	-0.2	-15.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	|si	3	|Sx	Si	433.3	0.0	0.0	433.3
8- 1	|si	6	|Tz		232.4	5.3	0.0	232.6
11- 5	|si	9	|Ty		-32.1	0.0	3.0	32.5

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
8- 1	|	5488.2	|	-5893.2	|	0.0	6557.4	38.5	-17.6
7- 1	|	4965.2	|	-433.3	|	0.0	4692.1	0.5	-20.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	|si	3	|Sx	Si	462.7	0.0	0.0	462.7
8- 1	|si	6	|Tz		243.6	3.5	0.0	243.7
7- 1	|si	9	|Ty		184.2	0.0	4.1	184.3

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
8- 1	|	4988.9	|	-6494.3	|	0.0	6557.4	11.3	-23.8
7- 1	|	4387.5	|	-444.7	|	0.0	4692.1	0.5	-27.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	|si	3	|Sx	Si	473.6	0.0	0.0	473.6
8- 1	|si	6	|Tz		252.0	1.8	0.0	252.1
7- 1	|si	9	|Ty		184.2	0.0	5.3	184.4

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
8- 1	|	4339.3	|	-6440.7	|	0.0	6557.4	-15.8	-30.0
7- 1		3659.4		-456.1		0.0	4692.1	0.5	-33.3

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 3|Sx | Si | 466.1| 0.0| 0.0| 466.1|
| 8- 1|si| 5| Tz | | 176.9| -2.4| 0.0| 177.0|
| 7- 1|si| 9| Ty | | 184.2| 0.0| 6.6| 184.5|
-----
VERIFICA STABILITA` :
|L0 = 193.|
Z |Lc = 193.|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso11- 5 - Nodo 1 - Asse Y
Ned = -804.3|Mzeq = 2125.3|Myeq = -476.5|Ss = -77.6 ( 0.030)

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 11- 13) 20
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 4339.3| -6440.7| 0.0| 4207.1| -15.8| 23.0|
| 8- 2| 550.8| 6022.8| 0.0| 582.9| 15.3| 26.0|
| 7- 2| 1230.6| 38.3| 0.0| 3674.2| -0.9| 27.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 3|Sx | Si | 373.6| 0.0| 0.0| 373.6|
| 8- 2|si| 5| Tz | | 55.6| 2.2| 0.0| 55.7|
| 7- 2|si| 9| Ty | | 144.6| 0.0| -5.4| 144.9|
----- PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 4819.8| -5732.3| 0.0| 4207.1| -42.9| 16.8|
| 8- 2| 1103.0| 5325.4| 0.0| 582.9| 42.5| 19.8|
| 7- 2| 1821.9| 60.7| 0.0| 3674.2| -0.9| 21.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 3|Sx | Si | 359.7| 0.0| 0.0| 359.7|
| 8- 2|si| 5| Tz | | 46.0| 3.9| 0.0| 46.5|
| 7- 2|si| 9| Ty | | 144.7| 0.0| -4.2| 144.8|
----- PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-12| 3342.6| 212.2| 0.0| 7612.3| 0.5| 12.7|
| 8- 2| 1505.0| 3973.2| 0.0| 582.9| 69.6| 13.5|
| 7- 2| 2262.8| 83.0| 0.0| 3674.2| -0.9| 15.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-12|si| 4|Sx | Si | 336.4| 0.0| 0.0| 336.4|
| 8- 2|si| 5| Tz | | 33.8| 5.6| 0.0| 35.2|
| 7- 2|si| 9| Ty | | 144.7| 0.0| -3.0| 144.8|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-12| 3591.2| 201.0| 0.0| 7612.3| 0.5| 7.9|
| 8- 2| 1756.7| 1966.2| 0.0| 582.9| 96.8| 7.3|
| 7- 2| 2553.5| 105.4| 0.0| 3674.2| -0.9| 8.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-12|si| 4|Sx | Si | 338.5| 0.0| 0.0| 338.5|
| 8- 2|si| 5| Tz | | 18.8| 7.4| 0.0| 22.7|
| 7- 2|si| 9| Ty | | 144.7| 0.0| -1.8| 144.7|
----- PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-12| 3724.2| 189.8| 0.0| 7612.3| 0.5| 3.1|
| 8- 1| 5359.6| 321.6| 0.0| 4207.1| -124.4| -1.9|
| 7- 1| 4523.9| -501.7| 0.0| 1115.7| 0.5| -3.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-12|si| 4|Sx | Si | 339.4| 0.0| 0.0| 339.4|
| 8- 1|si| 5| Tz | | 117.3| -9.2| 0.0| 118.4|
| 7- 1|si| 9| Ty | | 43.4| 0.0| 0.7| 43.4|
----- PROGR. 121.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-12| 3741.6| 178.5| 0.0| 7612.3| 0.5| -1.7|
| 8- 1| 5239.0| 3649.1| 0.0| 4207.1| -151.5| -8.1|
| 7- 1| 4364.3| -513.1| 0.0| 1115.7| 0.5| -9.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 11-12|si| 4|Sx | Si | 339.3| 0.0| 0.0| 339.3|
| 8- 1|si| 5| Tz | | 139.3| -11.4| 0.0| 140.7|
| 7- 1|si| 9| Ty | | 43.4| 0.0| 1.9| 43.5|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 4968.1| 7631.3| 0.0| 4207.1| -178.6| -14.3|
| 7- 1| 4054.5| -524.5| 0.0| 1115.7| 0.5| -16.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si| 4|Sx | Si | 410.4| 0.0| 0.0| 410.4|
| 8- 1|si| 5| Tz | | 166.9| -13.7| 0.0| 168.6|
| 7- 1|si| 9| Ty | | 43.3| 0.0| 3.1| 43.7|
----- PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 4547.0| 12268.3| 0.0| 4207.1| -205.8| -20.6|
| 7- 1| 3594.4| -535.9| 0.0| 1115.7| 0.5| -22.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 4|Sx | Si | 527.0| 0.0| 0.0| 527.0|

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Copertura area carburante - Relazione di calcolo

8- 1 si 5	Tz		199.9	-15.9	0.0	201.8						
| 7- 1|si| 9|	Ty	|	43.3|	0.0|	4.4|	44.0|						
							PROGR.	193.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 8- 1|	3975.5|		17560.1|		0.0|		4207.1|		-232.9|		-26.8|	
| 7- 1|	2984.0|		-547.3|		0.0|		1115.7|		0.5|		-28.4|	
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 8- 1|si| 4|	Sx	Si	|	659.1|		0.0|		0.0|		659.1|		
| 8- 1|si| 5|	Tz	|	238.5|		-18.2|		0.0|		0.0|	240.6|		
| 7- 1|si| 9|	Ty	|	43.3|		0.0|		5.6|			44.4|		

VERIFICA STABILITA` :												
|L0 = 193.|												
Z	|Lc = 193.|	Ro = 4.89|	lm = 39.5|	Ncr= 338101.8|	alfa(b)=0.3400|	ki=0.9038|						
Y	|Lc = 193.|	Ro = 3.01|	lm = 64.0|	Ncr= 128500.9|	alfa(c)=0.4900|	ki=0.7014|						
Casol1- 5 - Nodo 1 - Asse Y												
Ned = -3630.2|Mzeq = 529.8|Myeq = -437.8|Ss = -220.4 (0.084)												
P_HEAL20_S011 (11) stato limite ultimo - ASTA (13- 15) 23												
											PROGR.	0.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 8- 1|	3975.5|		17560.1|		0.0|		-2614.7|		262.6|		0.1|	
| 8- 2|	761.3|		-17890.2|		0.0|		-2356.3|		-263.5|		12.6|	
| 11- 9|	2902.2|		262.8|		0.0|		7986.1|		1.0|		22.4|	
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 8- 1|si| 2|	Sx	Si	|	-596.4|		0.0|		0.0|		596.4|		
| 8- 2|si| 6|	Tz	|	12.5|		-19.8|		0.0|		0.0|	36.5|		
| 11- 9|si| 9|	Ty	|	314.6|		0.0|		-4.4|			314.7|		

											PROGR.	24.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 8- 1|	3903.6|		11551.9|		0.0|		-2614.7|		235.5|		-6.1|	
| 8- 2|	989.1|		-11861.3|		0.0|		-2356.3|		-236.3|		6.3|	
| 11- 9|	3384.5|		238.6|		0.0|		7986.1|		1.0|		17.6|	
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 8- 1|si| 2|	Sx	Si	|	-439.6|		0.0|		0.0|		439.6|		
| 8- 2|si| 6|	Tz	|	-27.5|		-17.6|		0.0|		0.0|	41.1|		
| 11- 9|si| 9|	Ty	|	314.5|		0.0|		-3.5|			314.6|		

											PROGR.	48.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 11-10|	3976.6|		281.3|		0.0|		8217.6|		0.5|		12.6|	
| 8- 1|	3681.5|		6198.4|		0.0|		-2614.7|		208.3|		-12.3|	
| 7- 1|	2318.9|		-478.9|		0.0|		-7644.2|		-1.4|		-20.0|	
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 11-10|si| 4|	Sx	Si	|	367.1|		0.0|		0.0|		367.1|		
| 8- 1|si| 6|	Tz	|	-176.4|		15.8|		0.0|		0.0|	178.5|		
| 7- 1|si| 9|	Ty	|	-301.3|		0.0|		3.9|			301.4|		

											PROGR.	72.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 11-10|	4122.7|		270.1|		0.0|		8217.6|		0.5|		7.8|	
| 8- 1|	3309.0|		1499.6|		0.0|		-2614.7|		181.2|		-18.6|	
| 7- 1|	1760.9|		-444.7|		0.0|		-7644.2|		-1.4|		-26.2|	
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 11-10|si| 4|	Sx	Si	|	369.1|		0.0|		0.0|		369.1|		
| 8- 1|si| 6|	Tz	|	-143.4|		14.0|		0.0|		0.0|	145.4|		
| 7- 1|si| 9|	Ty	|	-301.3|		0.0|		5.2|			301.4|		

											PROGR.	96.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 11-10|	4253.2|		258.9|		0.0|		8217.6|		0.5|		3.0|	
| 8- 1|	2786.3|		-2544.3|		0.0|		-2614.7|		154.1|		-24.8|	
| 7- 1|	1052.7|		-410.5|		0.0|		-7644.2|		-1.4|		-32.5|	
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 11-10|si| 4|	Sx	Si	|	370.0|		0.0|		0.0|		370.0|		
| 8- 1|si| 6|	Tz	|	-113.1|		12.3|		0.0|		0.0|	115.0|		
| 7- 1|si| 9|	Ty	|	-301.3|		0.0|		6.4|			301.5|		

											PROGR.	121.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 11-10|	4268.1|		247.7|		0.0|		8217.6|		0.5|		-1.8|	
| 8- 1|	2113.4|		-5933.5|		0.0|		-2614.7|		126.9|		-31.0|	
| 7- 1|	194.2|		-376.3|		0.0|		-7644.2|		-1.4|		-38.7|	
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 11-10|si| 4|	Sx	Si	|	369.9|		0.0|		0.0|		369.9|		
| 8- 1|si| 6|	Tz	|	-85.5|		10.5|		0.0|		0.0|	87.4|		
| 7- 1|si| 9|	Ty	|	-301.2|		0.0|		7.6|			301.5|		

											PROGR.	145.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 11-10|	4167.4|		236.5|		0.0|		8217.6|		0.5|		-6.6|	
| 8- 1|	1290.1|		-8668.0|		0.0|		-2614.7|		99.8|		-37.2|	
| 7- 1|	-814.6|		-342.1|		0.0|		-7644.2|		-1.4|		-44.9|	
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 11-10|si| 4|	Sx	Si	|	368.6|		0.0|		0.0|		368.6|		
| 8- 1|si| 6|	Tz	|	-60.6|		8.8|		0.0|		0.0|	62.5|		
| 7- 1|si| 9|	Ty	|	-301.2|		0.0|		8.9|			301.6|		

Copertura area carburante - Relazione di calcolo

-----										PROGR.	169.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 8- 1 |	316.6 |	-10747.6 |	0.0 |	-2614.7 |	72.6 |	-43.5 |					
| 7- 1 |	-1973.6 |	-307.9 |	0.0 |	-7644.2 |	-1.4 |	-51.2 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 8- 1 |	|si| 1|Sx	Si	-385.1 |	0.0 |	0.0 |	385.1 |					
| 8- 1 |	|si| 6|	Tz	-38.4 |	7.1 |	0.0 |	40.3 |					
| 7- 1 |	|si| 9|	Ty	-301.2 |	0.0 |	10.1 |	301.7 |					
-----										PROGR.	193.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 8- 1 |	-807.2 |	-12172.5 |	0.0 |	-2614.7 |	45.5 |	-49.7 |					
| 7- 1 |	-3282.9 |	-273.7 |	0.0 |	-7644.2 |	-1.4 |	-57.4 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 8- 1 |	|si| 4|Sx	Si	-426.7 |	0.0 |	0.0 |	426.7 |					
| 8- 1 |	|si| 6|	Tz	-18.9 |	5.3 |	0.0 |	21.0 |					
| 7- 1 |	|si| 9|	Ty	-301.1 |	0.0 |	11.3 |	301.8 |					
-----										VERIFICA STABILITA` :	
|L0 = 193. |											
Z	|Lc = 193. |	Ro = 4.89 |	lm = 39.5 |	Ncr= 338101.8 |	alfa(b)=0.3400 |	ki=0.9038 |					
Y	|Lc = 193. |	Ro = 3.01 |	lm = 64.0 |	Ncr= 128500.9 |	alfa(c)=0.4900 |	ki=0.7014 |					
Caso 8- 1 - Nodo 2 - Asse Y											
Ned = -2614.7 | Mzeq = 3101.3 | Myeq = 13170.1 | Ss = -525.3 (0.201)											
P_HEA120_S011 (11) stato limite ultimo - ASTA (307- 3)										556	
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 11-10 |	0.0 |	0.0 |	0.0 |	-12065.6 |	17.8 |	-0.9 |					
| 8- 1 |	0.0 |	0.0 |	0.0 |	-7708.4 |	171.7 |	28.4 |					
| 7- 1 |	0.0 |	0.0 |	0.0 |	-1528.6 |	0.4 |	40.6 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 11-10 |	|si| 1|Sx	Si	-474.8 |	0.0 |	0.0 |	474.8 |					
| 8- 1 |	|si| 5|	Tz	-303.4 |	13.7 |	0.0 |	304.3 |					
| 7- 1 |	|si| 9|	Ty	-60.2 |	0.0 |	-8.0 |	61.7 |					
| 11-10 |	|si| 6|	Si	-474.8 |	1.3 |	0.0 |	474.8 |					
-----										PROGR.	24.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 11-10 |	-80.6 |	-429.3 |	0.0 |	-12065.6 |	17.8 |	-5.7 |					
| 8- 1 |	609.0 |	-3814.6 |	0.0 |	-7708.4 |	144.5 |	22.1 |					
| 7- 1 |	904.4 |	-9.7 |	0.0 |	-1528.6 |	0.4 |	34.4 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 11-10 |	|si| 4|Sx	Si	-486.7 |	0.0 |	0.0 |	486.7 |					
| 8- 1 |	|si| 5|	Tz	-333.0 |	11.5 |	0.0 |	333.6 |					
| 7- 1 |	|si| 9|	Ty	-60.2 |	0.0 |	-6.8 |	61.3 |					
-----										PROGR.	48.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 11-10 |	-276.8 |	-858.6 |	0.0 |	-12065.6 |	17.8 |	-10.5 |					
| 8- 1 |	1067.7 |	-6974.4 |	0.0 |	-7708.4 |	117.4 |	15.9 |					
| 11- 7 |	1644.3 |	829.2 |	0.0 |	8111.4 |	-17.2 |	29.3 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 11-10 |	|si| 4|Sx	Si	-499.7 |	0.0 |	0.0 |	499.7 |					
| 8- 1 |	|si| 5|	Tz	-357.2 |	9.2 |	0.0 |	357.5 |					
| 11- 7 |	|si| 9|	Ty	320.1 |	0.0 |	-5.8 |	320.3 |					
-----										PROGR.	72.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 8- 1 |	1376.2 |	-9479.5 |	0.0 |	-7708.4 |	90.3 |	9.7 |					
| 11- 7 |	2293.1 |	1243.9 |	0.0 |	8111.4 |	-17.2 |	24.5 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 8- 1 |	|si| 1|Sx	Si	-562.6 |	0.0 |	0.0 |	562.6 |					
| 8- 1 |	|si| 5|	Tz	-375.8 |	7.0 |	0.0 |	376.0 |					
| 11- 7 |	|si| 9|	Ty	320.6 |	0.0 |	-4.8 |	320.7 |					
-----										PROGR.	96.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 8- 1 |	1534.4 |	-11329.8 |	0.0 |	-7708.4 |	63.1 |	3.4 |					
| 11-10 |	-1015.9 |	-1717.1 |	0.0 |	-12065.6 |	17.8 |	-20.1 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 8- 1 |	|si| 1|Sx	Si	-612.1 |	0.0 |	0.0 |	612.1 |					
| 8- 1 |	|si| 5|	Tz	-388.9 |	4.8 |	0.0 |	389.0 |					
| 11-10 |	|si| 9|	Ty	-476.7 |	0.0 |	4.0 |	476.7 |					
-----										PROGR.	121.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 8- 1 |	1542.3 |	-12525.3 |	0.0 |	-7708.4 |	36.0 |	-2.8 |					
| 12- 7 |	-61.5 |	-6776.9 |	0.0 |	-6396.6 |	56.2 |	-12.5 |					
| 11-10 |	-1558.9 |	-2146.4 |	0.0 |	-12065.6 |	17.8 |	-24.9 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 8- 1 |	|si| 1|Sx	Si	-643.2 |	0.0 |	0.0 |	643.2 |					
| 12- 7 |	|si| 6|	Tz	-208.6 |	4.6 |	0.0 |	208.8 |					
| 11-10 |	|si| 9|	Ty	-477.2 |	0.0 |	4.9 |	477.2 |					
-----										PROGR.	145.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 8- 1 |	1400.0 |	-13066.1 |	0.0 |	-7708.4 |	8.8 |	-9.0 |					

Copertura area carburante - Relazione di calcolo

```

| 12- 7|      -420.5|   -8132.3|      0.0|   -6396.6|      56.2|   -17.3|
| 7- 2|      -1659.1|   -116.7|      0.0|   -9785.6|      0.8|   -30.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si|1|Sx | Si | -656.0| 0.0| 0.0| 656.0|
| 12- 7|si|6| Tz | | -196.7| 4.8| 0.0| 196.9|
| 7- 2|si|9| Ty | | -385.2| 0.0| 5.9| 385.4|
-----
PROGR. 169.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 1107.4| -12952.1| 0.0| -7708.4| -18.3| -15.2|
| 12- 7| -895.2| -9487.6| 0.0| -6396.6| 56.2| -22.1|
| 7- 2| -2461.6| -136.1| 0.0| -9785.6| 0.8| -36.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si|1|Sx | Si | -650.3| 0.0| 0.0| 650.3|
| 12- 7|si|6| Tz | | -183.8| 5.0| 0.0| 184.0|
| 7- 2|si|9| Ty | | -385.3| 0.0| 7.2| 385.5|
-----
PROGR. 193.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 664.5| -12183.3| 0.0| -7708.4| -45.4| -21.5|
| 12- 7| -1485.5| -10843.0| 0.0| -6396.6| 56.2| -26.9|
| 7- 2| -3414.3| -155.5| 0.0| -9785.6| 0.8| -42.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si|1|Sx | Si | -626.1| 0.0| 0.0| 626.1|
| 12- 7|si|6| Tz | | -169.7| 5.2| 0.0| 170.0|
| 7- 2|si|9| Ty | | -385.3| 0.0| 8.4| 385.5|
-----

```

VERIFICA STABILITA` :

```

|L0 = 193.1
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso 8- 1 - Nodo 1 - Asse Y
Ned = -7708.4|Mzeq = 1473.8|Myeq = -12458.9|Ss = -791.0 ( 0.302)

```

```

P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 15- 308) 557
-----
PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| -807.2| -12172.5| 0.0| -9348.4| 45.5| 29.1|
| 8- 2| -1624.3| 12007.5| 0.0| -4991.8| -46.3| 33.3|
| 7- 1| -3282.9| -273.7| 0.0| -15724.9| -1.4| 41.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si|4|Sx | Si | -691.7| 0.0| 0.0| 691.7|
| 8- 2|si|6| Tz | | -256.6| -4.7| 0.0| 256.7|
| 7- 1|si|9| Ty | | -619.1| 0.0| -8.3| 619.3|
-----
PROGR. 24.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| -180.3| -12942.6| 0.0| -9348.4| 18.4| 22.9|
| 8- 2| -895.4| 12798.2| 0.0| -4991.8| -19.2| 27.1|
| 11- 7| -3379.7| -280.4| 0.0| -12790.6| -1.7| 36.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si|4|Sx | Si | -705.9| 0.0| 0.0| 705.9|
| 8- 2|si|6| Tz | | -268.4| -2.5| 0.0| 268.4|
| 11- 7|si|9| Ty | | -503.7| 0.0| -7.3| 503.8|
-----
PROGR. 48.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 296.2| -13058.0| 0.0| -9348.4| -8.8| 16.6|
| 8- 2| -316.7| 12934.2| 0.0| -4991.8| 7.9| 20.9|
| 11- 7| -2550.1| -240.4| 0.0| -12790.6| -1.7| 32.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si|1|Sx | Si | -709.9| 0.0| 0.0| 709.9|
| 8- 2|si|5| Tz | | -112.3| 1.4| 0.0| 112.3|
| 11- 7|si|9| Ty | | -503.6| 0.0| -6.3| 503.7|
-----
PROGR. 72.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 622.5| -12518.6| 0.0| -9348.4| -35.9| 10.4|
| 8- 2| 111.8| 12415.4| 0.0| -4991.8| 35.1| 14.6|
| 11- 7| -1836.1| -200.3| 0.0| -12790.6| -1.7| 27.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si|1|Sx | Si | -699.0| 0.0| 0.0| 699.0|
| 8- 2|si|5| Tz | | -119.5| 3.2| 0.0| 119.7|
| 11- 7|si|9| Ty | | -503.6| 0.0| -5.4| 503.7|
-----
PROGR. 96.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 798.6| -11324.4| 0.0| -9348.4| -63.1| 4.2|
| 8- 2| 390.0| 11241.9| 0.0| -4991.8| 62.2| 8.4|
| 11- 7| -1237.7| -160.2| 0.0| -12790.6| -1.7| 22.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 1|si|1|Sx | Si | -669.6| 0.0| 0.0| 669.6|
| 8- 2|si|5| Tz | | -129.5| 4.9| 0.0| 129.8|
| 11- 7|si|9| Ty | | -503.5| 0.0| -4.4| 503.6|
-----
PROGR. 121.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -104.1| -102.6| 0.0| -15724.9| -1.4| 10.8|
| 8- 1| 824.3| -9475.4| 0.0| -9348.4| -90.2| -2.0|

```

Copertura area carburante - Relazione di calcolo

```

| 11-10| 2224.1| 80.3| 0.0| 8218.8| 1.1| -23.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 4|Sx |Si| -622.5| 0.0| 0.0| 622.5|
| 8- 1|si| 5| Tz | -435.1| -6.7| 0.0| 435.3|
| 11-10|si| 9| Ty | 323.5| 0.0| 4.6| 323.6|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 80.9| -68.4| 0.0| -15724.9| -1.4| 4.6|
| 8- 1| 699.8| -6971.7| 0.0| -9348.4| -117.4| -8.3|
| 11-10| 1598.3| 53.5| 0.0| 8218.8| 1.1| -28.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx |Si| -621.4| 0.0| 0.0| 621.4|
| 8- 1|si| 5| Tz | -418.2| -8.9| 0.0| 418.5|
| 11-10|si| 9| Ty | 323.5| 0.0| 5.6| 323.6|
-----
PROGR. 169.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 115.6| -34.2| 0.0| -15724.9| -1.4| -1.7|
| 8- 1| 425.0| -3813.2| 0.0| -9348.4| -144.5| -14.5|
| 11-10| 857.0| 26.8| 0.0| 8218.8| 1.1| -33.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx |Si| -620.8| 0.0| 0.0| 620.8|
| 8- 1|si| 5| Tz | -395.8| -11.2| 0.0| 396.3|
| 11-10|si| 9| Ty | 323.5| 0.0| 6.5| 323.7|
-----
PROGR. 193.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -15724.9| -1.4| -7.9|
| 8- 1| 0.0| 0.0| 0.0| -9348.4| -171.6| -20.7|
| 11-10| 0.0| 0.0| 0.0| 8218.8| 1.1| -37.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx |Si| -618.8| 0.0| 0.0| 618.8|
| 8- 1|si| 5| Tz | -367.9| -13.4| 0.0| 368.6|
| 11-10|si| 9| Ty | 323.4| 0.0| 7.5| 323.7|
| 7- 1|si| 9| Si| -618.8| 0.0| 1.6| 618.8|
-----
VERIFICA STABILITA' :
|L0 = 193.1|
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
Caso 7- 1 - Nodo 4 - Asse Y
Ned = -15724.9|Mzeq = -2462.2|Myeq = -205.3|Ss = -912.6 ( 0.348)
P_HEA120_S011 ( 11) stato limite ultimo - ASTA ( 546- 547) 856
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 8009.5| -108.5| 0.0| 12978.6| 0.6| 59.9|
| 12- 6| 1121.4| -13678.5| 0.0| 2311.3| -107.2| 31.6|
| 5- 1| 7999.5| -64.1| 0.0| 12756.4| 0.3| 60.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 588.7| 0.0| 0.0| 588.7|
| 12- 6|si| 6| Tz | 166.3| -9.1| 0.0| 167.1|
| 5- 1|si| 9| Ty | 502.0| 0.0| -11.9| 502.4|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 9379.0| -122.0| 0.0| 12978.6| 0.6| 53.7|
| 12- 6| 1826.8| -11091.7| 0.0| 2311.3| -107.2| 26.8|
| 5- 1| 9377.4| -72.1| 0.0| 12756.4| 0.3| 54.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 601.9| 0.0| 0.0| 601.9|
| 12- 6|si| 6| Tz | 143.5| -8.9| 0.0| 144.3|
| 5- 1|si| 9| Ty | 501.9| 0.0| -10.6| 502.3|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 10598.2| -135.6| 0.0| 12978.6| 0.6| 47.4|
| 12- 6| 2416.6| -8504.9| 0.0| 2311.3| -107.2| 22.1|
| 5- 1| 10605.0| -80.1| 0.0| 12756.4| 0.3| 47.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 613.7| 0.0| 0.0| 613.7|
| 12- 6|si| 6| Tz | 121.7| -8.7| 0.0| 122.6|
| 5- 1|si| 9| Ty | 501.9| 0.0| -9.4| 502.2|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 11667.2| -149.2| 0.0| 12978.6| 0.6| 41.2|
| 12- 6| 2890.9| -5918.1| 0.0| 2311.3| -107.2| 17.3|
| 5- 1| 11682.3| -88.2| 0.0| 12756.4| 0.3| 41.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 624.1| 0.0| 0.0| 624.1|
| 12- 6|si| 6| Tz | 101.0| -8.6| 0.0| 102.1|
| 5- 1|si| 9| Ty | 501.9| 0.0| -8.2| 502.1|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 12585.8| -162.7| 0.0| 12978.6| 0.6| 35.0|
| 12- 6| 3249.5| -3331.3| 0.0| 2311.3| -107.2| 12.5|

```

Copertura area carburante - Relazione di calcolo

| 5- 1|	12609.4|	-96.2|	0.0|	12756.4|	0.3|	35.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si|	633.1|	0.0|	0.0|	633.1|	
| 12- 6|si| 6|	Tz |	81.4|	-8.4|	0.0|	82.7|	
| 5- 1|si| 9|	Ty |	501.9|	0.0|	-7.0|	502.1|	

PROGR. 121.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13354.2|	-176.3|	0.0|	12978.6|	0.6|	28.7|
| 12- 6|	3492.6|	-744.5|	0.0|	2311.3|	-107.2|	7.7|
| 5- 1|	13386.2|	-104.2|	0.0|	12756.4|	0.3|	29.1|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si|	640.6|	0.0|	0.0|	640.6|	
| 12- 6|si| 6|	Tz |	62.9|	-8.2|	0.0|	64.4|	
| 5- 1|si| 9|	Ty |	501.9|	0.0|	-5.7|	502.0|	

PROGR. 145.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13972.4|	-189.8|	0.0|	12978.6|	0.6|	22.5|
| 12- 6|	3620.0|	1842.4|	0.0|	2311.3|	-107.2|	2.9|
| 5- 1|	14012.8|	-112.2|	0.0|	12756.4|	0.3|	22.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si|	646.8|	0.0|	0.0|	646.8|	
| 12- 6|si| 6|	Tz |	45.4|	-8.0|	0.0|	47.5|	
| 5- 1|si| 9|	Ty |	501.9|	0.0|	-4.5|	502.0|	

PROGR. 169.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	14440.3|	-203.4|	0.0|	12978.6|	0.6|	16.3|
| 12-11|	2938.8|	-4535.7|	0.0|	3491.3|	107.5|	-6.4|
| 5- 1|	14489.0|	-120.2|	0.0|	12756.4|	0.3|	16.6|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si|	651.5|	0.0|	0.0|	651.5|	
| 12-11|si| 6|	Tz |	138.3|	8.1|	0.0|	139.0|	
| 5- 1|si| 9|	Ty |	501.9|	0.0|	-3.3|	501.9|	

PROGR. 193.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	14757.9|	-217.0|	0.0|	12978.6|	0.6|	10.1|
| 12-11|	2727.0|	-7129.7|	0.0|	3491.3|	107.5|	-11.2|
| 7- 2|	2380.1|	-371.8|	0.0|	3484.9|	1.0|	-16.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si|	654.8|	0.0|	0.0|	654.8|	
| 12-11|si| 6|	Tz |	156.6|	8.3|	0.0|	157.2|	
| 7- 2|si| 9|	Ty |	136.7|	0.0|	3.3|	136.9|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11)	stato limite ultimo - ASTA (548- 549)	857
-----		PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	7858.9|	350.4|	0.0|	13814.0|	-1.8|	69.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si|	626.5|	0.0|	0.0|	626.5|	
| 6- 1|si| 6|	Tz |	467.7|	-2.9|	0.0|	467.7|	
| 6- 1|si| 9|	Ty |	544.0|	0.0|	-13.7|	544.5|	

PROGR. 24.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	9458.2|	394.3|	0.0|	13814.0|	-1.8|	63.2|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si|	642.6|	0.0|	0.0|	642.6|	
| 6- 1|si| 6|	Tz |	452.4|	-2.6|	0.0|	452.5|	
| 6- 1|si| 9|	Ty |	544.1|	0.0|	-12.5|	544.5|	

PROGR. 48.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	10907.3|	438.1|	0.0|	13814.0|	-1.8|	56.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si|	657.3|	0.0|	0.0|	657.3|	
| 6- 1|si| 6|	Tz |	438.6|	-2.4|	0.0|	438.6|	
| 6- 1|si| 9|	Ty |	544.1|	0.0|	-11.2|	544.5|	

PROGR. 72.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	12206.0|	481.9|	0.0|	13814.0|	-1.8|	50.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si|	670.7|	0.0|	0.0|	670.7|	
| 6- 1|si| 6|	Tz |	426.1|	-2.1|	0.0|	426.1|	
| 6- 1|si| 9|	Ty |	544.2|	0.0|	-10.0|	544.4|	

PROGR. 96.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13354.5|	525.7|	0.0|	13814.0|	-1.8|	44.5|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si|	682.6|	0.0|	0.0|	682.6|	
| 6- 1|si| 6|	Tz |	415.1|	-1.9|	0.0|	415.1|	
| 6- 1|si| 9|	Ty |	544.2|	0.0|	-8.8|	544.4|	

Copertura area carburante - Relazione di calcolo

-----								PROGR.	121.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	14352.8	569.5	0.0	13814.0	-1.8	38.3			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 4|Sx	Si	0.0	0.0	693.1				
| 6- 1 |	si| 6| Tz		405.4	-1.7	0.0	405.4			
| 6- 1 |	si| 9| Ty		544.3	0.0	-7.5	544.4			
-----								PROGR.	145.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	15200.7	613.3	0.0	13814.0	-1.8	32.0			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 4|Sx	Si	0.0	0.0	702.2				
| 6- 1 |	si| 6| Tz		397.2	-1.4	0.0	397.2			
| 6- 1 |	si| 9| Ty		544.3	0.0	-6.3	544.4			
-----								PROGR.	169.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	15898.4	657.1	0.0	13814.0	-1.8	25.8			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 4|Sx	Si	0.0	0.0	709.8				
| 6- 1 |	si| 6| Tz		390.4	-1.2	0.0	390.4			
| 6- 1 |	si| 9| Ty		544.4	0.0	-5.1	544.4			
-----								PROGR.	193.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	16445.9	700.9	0.0	13814.0	-1.8	19.6			
| 12- 5 |	3768.5	4491.7	0.0	3211.2	-12.7	-6.9			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si| 4|Sx	Si	0.0	0.0	716.1				
| 12- 5 |	si| 5| Tz		119.2	-1.2	0.0	119.2			
| 6- 1 |	si| 9| Ty		544.4	0.0	-3.9	544.4			
-----								PROGR.	0.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
P_HEA120_S011 (11) stato limite ultimo - ASTA (550- 551)								858	
-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	8371.4	612.9	0.0	13081.6	-3.2	66.2			
| 6- 1 |	8253.6	609.5	0.0	12899.6	-3.2	67.0			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx	Si	0.0	0.0	609.3				
| 6- 1 |	si| 6| Tz		426.4	-2.9	0.0	426.4			
| 6- 1 |	si| 9| Ty		508.3	0.0	-13.2	508.8			
-----								PROGR.	24.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	9894.4	689.5	0.0	13081.6	-3.2	60.0			
| 6- 1 |	9794.2	685.7	0.0	12899.6	-3.2	60.7			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx	Si	0.0	0.0	625.5				
| 6- 1 |	si| 6| Tz		411.5	-2.6	0.0	411.5			
| 6- 1 |	si| 9| Ty		508.4	0.0	-12.0	508.8			
-----								PROGR.	48.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	11267.1	766.1	0.0	13081.6	-3.2	53.8			
| 6- 1 |	11184.5	761.9	0.0	12899.6	-3.2	54.5			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx	Si	0.0	0.0	640.4				
| 6- 1 |	si| 6| Tz		398.0	-2.4	0.0	398.0			
| 6- 1 |	si| 9| Ty		508.5	0.0	-10.7	508.8			
-----								PROGR.	72.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	12489.6	842.7	0.0	13081.6	-3.2	47.6			
| 6- 1 |	12424.5	838.1	0.0	12899.6	-3.2	48.3			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx	Si	0.0	0.0	653.9				
| 6- 1 |	si| 6| Tz		385.8	-2.1	0.0	385.9			
| 6- 1 |	si| 9| Ty		508.6	0.0	-9.5	508.8			
-----								PROGR.	96.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	13561.8	919.3	0.0	13081.6	-3.2	41.3			
| 6- 1 |	13514.3	914.3	0.0	12899.6	-3.2	42.1			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx	Si	0.0	0.0	665.9				
| 6- 1 |	si| 6| Tz		375.1	-1.9	0.0	375.2			
| 6- 1 |	si| 9| Ty		508.6	0.0	-8.3	508.8			
-----								PROGR.	121.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	14483.7	995.9	0.0	13081.6	-3.2	35.1			
| 6- 1 |	14453.8	990.4	0.0	12899.6	-3.2	35.8			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si| 4|Sx	Si	0.0	0.0	676.6				

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 6|	Tz	|	365.9|	-1.7|	0.0|	365.9|	
| 6- 1|si| 9|	Ty	|	508.7|	0.0|	-7.1|	508.9|	
-----							PROGR. 145.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 5- 1|	15255.4|	|	1072.5|	|	0.0|	|	13081.6| -3.2| 28.9|
| 6- 1|	15243.0|	|	1066.6|	|	0.0|	|	12899.6| -3.2| 29.6|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 5- 1|si| 4|Sx	Si|	|	685.8|	|	0.0|	|	0.0| 685.8|
| 6- 1|si| 6|	Tz	|	358.0|	|	-1.4|	|	0.0| 358.0|
| 6- 1|si| 9|	Ty	|	508.8|	|	0.0|	|	-5.8| 508.9|
-----							PROGR. 169.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 5- 1|	15876.8|	|	1149.2|	|	0.0|	|	13081.6| -3.2| 22.6|
| 6- 1|	15881.9|	|	1142.8|	|	0.0|	|	12899.6| -3.2| 23.4|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 5- 1|si| 4|Sx	Si|	|	693.6|	|	0.0|	|	0.0| 693.6|
| 6- 1|si| 6|	Tz	|	351.5|	|	-1.2|	|	0.0| 351.5|
| 6- 1|si| 9|	Ty	|	508.9|	|	0.0|	|	-4.6| 509.0|
-----							PROGR. 193.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 5- 1|	16347.9|	|	1225.8|	|	0.0|	|	13081.6| -3.2| 16.4|
| 6- 1|	16370.6|	|	1219.0|	|	0.0|	|	12899.6| -3.2| 17.1|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 5- 1|si| 4|Sx	Si|	|	700.0|	|	0.0|	|	0.0| 700.0|
| 6- 1|si| 6|	Tz	|	346.4|	|	-0.9|	|	0.0| 346.4|
| 6- 1|si| 9|	Ty	|	509.0|	|	0.0|	|	-3.4| 509.0|
-----							PROGR. 193.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
P_HEA120_S011 (11) stato limite ultimo - ASTA (547- 552) 859							
-----							PROGR. 0.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	14757.9|	|	-217.0|	|	0.0|	|	22020.4| 0.7| 35.9|
| 12-11|	2727.0|	|	-7129.7|	|	0.0|	|	4554.1| -24.3| 21.5|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	Si|	|	1010.7|	|	0.0|	|	0.0| 1010.7|
| 12-11|si| 6|	Tz	|	198.4|	|	-2.6|	|	0.0| 198.5|
| 6- 1|si| 9|	Ty	|	866.4|	|	0.0|	|	-7.1| 866.4|
-----							PROGR. 24.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	15548.3|	|	-233.7|	|	0.0|	|	22020.4| 0.7| 29.6|
| 12-11|	3188.5|	|	-6544.0|	|	0.0|	|	4554.1| -24.3| 16.7|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	Si|	|	1018.5|	|	0.0|	|	0.0| 1018.5|
| 12-11|si| 6|	Tz	|	190.4|	|	-2.4|	|	0.0| 190.5|
| 6- 1|si| 9|	Ty	|	866.3|	|	0.0|	|	-5.8| 866.4|
-----							PROGR. 48.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	16188.4|	|	-250.5|	|	0.0|	|	22020.4| 0.7| 23.4|
| 12-11|	3534.3|	|	-5958.4|	|	0.0|	|	4554.1| -24.3| 11.9|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	Si|	|	1025.0|	|	0.0|	|	0.0| 1025.0|
| 12-11|si| 6|	Tz	|	183.5|	|	-2.3|	|	0.0| 183.5|
| 6- 1|si| 9|	Ty	|	866.3|	|	0.0|	|	-4.6| 866.4|
-----							PROGR. 72.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	16678.2|	|	-267.3|	|	0.0|	|	22020.4| 0.7| 17.2|
| 12-11|	3764.5|	|	-5372.8|	|	0.0|	|	4554.1| -24.3| 7.1|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	Si|	|	1030.0|	|	0.0|	|	0.0| 1030.0|
| 12-11|si| 6|	Tz	|	177.6|	|	-2.1|	|	0.0| 177.7|
| 6- 1|si| 9|	Ty	|	866.3|	|	0.0|	|	-3.4| 866.3|
-----							PROGR. 96.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	17017.8|	|	-284.1|	|	0.0|	|	22020.4| 0.7| 11.0|
| 12-11|	3879.2|	|	-4787.2|	|	0.0|	|	4554.1| -24.3| 2.4|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	Si|	|	1033.6|	|	0.0|	|	0.0| 1033.6|
| 12-11|si| 6|	Tz	|	172.9|	|	-1.9|	|	0.0| 172.9|
| 6- 1|si| 9|	Ty	|	866.3|	|	0.0|	|	-2.2| 866.3|
-----							PROGR. 121.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	17207.1|	|	-300.9|	|	0.0|	|	22020.4| 0.7| 4.7|
| 12- 6|	4401.9|	|	4074.6|	|	0.0|	|	5893.0| 24.4| -4.7|
| 8- 2|	3675.1|	|	-109.6|	|	0.0|	|	4171.5| -0.9| -5.6|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	Si|	|	1035.8|	|	0.0|	|	0.0| 1035.8|
| 12- 6|si| 6|	Tz	|	165.0|	|	2.0|	|	0.0| 165.1|
| 8- 2|si| 9|	Ty	|	164.0|	|	0.0|	|	1.1| 164.1|
-----							PROGR. 145.
SOLLECITAZIONI :							

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	17246.2|	-317.7|	0.0|	22020.4|	0.7|	-1.5|
12- 6|	4229.9|	3486.3|	0.0|	5893.0|	24.4|	-9.5|
8- 2|	3464.2|	-86.7|	0.0|	4171.5|	-0.9|	-11.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	1036.6|	0.0|	0.0|	1036.6|
12- 6|si| 6|	Tz			170.3|	2.2|	0.0|	170.4|
8- 2|si| 9|	Ty			164.1|	0.0|	2.3|	164.1|

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	17135.0|	-334.5|	0.0|	22020.4|	0.7|	-7.7|
12- 6|	3942.2|	2898.0|	0.0|	5893.0|	24.4|	-14.3|
8- 2|	3103.1|	-63.8|	0.0|	4171.5|	-0.9|	-18.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	1036.0|	0.0|	0.0|	1036.0|
12- 6|si| 6|	Tz			176.7|	2.4|	0.0|	176.8|
8- 2|si| 9|	Ty			164.1|	0.0|	3.6|	164.2|

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	16873.5|	-351.3|	0.0|	22020.4|	0.7|	-14.0|
12- 6|	3539.0|	2309.8|	0.0|	5893.0|	24.4|	-19.1|
8- 2|	2591.7|	-40.9|	0.0|	4171.5|	-0.9|	-24.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	1034.0|	0.0|	0.0|	1034.0|
12- 6|si| 6|	Tz			184.2|	2.5|	0.0|	184.3|
8- 2|si| 9|	Ty			164.1|	0.0|	4.8|	164.3|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11)	stato limite ultimo - ASTA (549- 553)	860
		0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	16445.9|	700.9|	0.0|	27905.7|	4.2|	42.3|
12- 5|	3768.5|	4491.7|	0.0|	6729.2|	72.3|	20.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx			Si|	1270.7|	0.0|	0.0|	1270.7|
12- 5|si| 5|	Tz			257.7|	6.1|	0.0|	257.9|
6- 1|si| 9|	Ty			1099.0|	0.0|	-8.3|	1099.1|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	17390.6|	599.7|	0.0|	27905.7|	4.2|	36.0|
12- 5|	4200.8|	2747.7|	0.0|	6729.2|	72.3|	15.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx			Si|	1276.9|	0.0|	0.0|	1276.9|
12- 5|si| 5|	Tz			242.7|	5.9|	0.0|	242.9|
6- 1|si| 9|	Ty			1098.9|	0.0|	-7.1|	1098.9|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	18185.0|	498.5|	0.0|	27905.7|	4.2|	29.8|
12- 5|	4517.5|	1003.6|	0.0|	6729.2|	72.3|	10.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx			Si|	1281.7|	0.0|	0.0|	1281.7|
12- 5|si| 5|	Tz			228.7|	5.7|	0.0|	229.0|
6- 1|si| 9|	Ty			1098.8|	0.0|	-5.9|	1098.8|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	18829.1|	397.2|	0.0|	27905.7|	4.2|	23.6|
12- 5|	4718.5|	-740.4|	0.0|	6729.2|	72.3|	5.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx			Si|	1285.2|	0.0|	0.0|	1285.2|
12- 5|si| 5|	Tz			215.9|	5.5|	0.0|	216.1|
6- 1|si| 9|	Ty			1098.6|	0.0|	-4.7|	1098.7|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	19323.0|	296.0|	0.0|	27905.7|	4.2|	17.4|
12- 5|	4804.0|	-2484.5|	0.0|	6729.2|	72.3|	1.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx			Si|	1287.2|	0.0|	0.0|	1287.2|
12- 5|si| 5|	Tz			204.2|	5.4|	0.0|	204.4|
6- 1|si| 9|	Ty			1098.5|	0.0|	-3.4|	1098.5|

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	19666.6|	194.8|	0.0|	27905.7|	4.2|	11.1|
12- 5|	4773.9|	-4228.5|	0.0|	6729.2|	72.3|	-3.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx			Si|	1287.8|	0.0|	0.0|	1287.8|
12- 5|si| 6|	Tz			246.6|	5.5|	0.0|	246.8|
6- 1|si| 9|	Ty			1098.4|	0.0|	-2.2|	1098.4|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	19860.0|	93.6|	0.0|	27905.7|	4.2|	4.9|

Copertura area carburante - Relazione di calcolo

| 12- 5|	4628.2|	-5972.6|	0.0|	6729.2|	72.3|	-8.4|
| 8- 2|	4144.0|	-23.5|	0.0|	5671.7|	-0.6|	-10.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	1286.9|	0.0|	0.0|	1286.9|	
| 12- 5|si| 6| Tz |		258.9|	5.6|	0.0|	259.1|	
| 8- 2|si| 9| Ty |		223.2|	0.0|	2.0|	223.2|	

----- PROGR. 169.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	19903.1|	-7.6|	0.0|	27905.7|	4.2|	-1.3|
| 12- 5|	4366.9|	-7716.6|	0.0|	6729.2|	72.3|	-13.2|
| 8- 2|	3822.8|	-8.9|	0.0|	5671.7|	-0.6|	-16.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si |	1285.1|	0.0|	0.0|	1285.1|	
| 12- 5|si| 6| Tz |		272.3|	5.8|	0.0|	272.5|	
| 8- 2|si| 9| Ty |		223.2|	0.0|	3.2|	223.3|	

----- PROGR. 193.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	19795.9|	-108.9|	0.0|	27905.7|	4.2|	-7.6|
| 12- 5|	3990.0|	-9460.7|	0.0|	6729.2|	72.3|	-18.0|
| 8- 2|	3351.2|	5.6|	0.0|	5671.7|	-0.6|	-22.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si |	1286.7|	0.0|	0.0|	1286.7|	
| 12- 5|si| 6| Tz |		286.8|	6.0|	0.0|	287.0|	
| 8- 2|si| 9| Ty |		223.2|	0.0|	4.5|	223.3|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (551- 554) 861

----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	16370.6|	1219.0|	0.0|	25815.1|	6.3|	38.3|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	1201.2|	0.0|	0.0|	1201.2|	
| 6- 1|si| 5| Tz |		870.0|	2.0|	0.0|	870.0|	
| 6- 1|si| 9| Ty |		1017.3|	0.0|	-7.6|	1017.3|	

----- PROGR. 24.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17219.7|	1066.2|	0.0|	25815.1|	6.3|	32.1|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	1205.2|	0.0|	0.0|	1205.2|	
| 6- 1|si| 5| Tz |		861.1|	1.7|	0.0|	861.1|	
| 6- 1|si| 9| Ty |		1017.1|	0.0|	-6.3|	1017.1|	

----- PROGR. 48.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17918.5|	913.4|	0.0|	25815.1|	6.3|	25.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	1207.8|	0.0|	0.0|	1207.8|	
| 6- 1|si| 5| Tz |		853.6|	1.5|	0.0|	853.6|	
| 6- 1|si| 9| Ty |		1016.9|	0.0|	-5.1|	1017.0|	

----- PROGR. 72.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18467.0|	760.6|	0.0|	25815.1|	6.3|	19.6|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	1208.9|	0.0|	0.0|	1208.9|	
| 6- 1|si| 5| Tz |		847.5|	1.2|	0.0|	847.5|	
| 6- 1|si| 9| Ty |		1016.8|	0.0|	-3.9|	1016.8|	

----- PROGR. 96.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18865.3|	607.8|	0.0|	25815.1|	6.3|	13.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	1208.7|	0.0|	0.0|	1208.7|	
| 6- 1|si| 5| Tz |		842.8|	1.0|	0.0|	842.8|	
| 6- 1|si| 9| Ty |		1016.6|	0.0|	-2.6|	1016.6|	

----- PROGR. 121.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	19113.3|	454.9|	0.0|	25815.1|	6.3|	7.2|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	1207.1|	0.0|	0.0|	1207.1|	
| 6- 1|si| 5| Tz |		839.5|	0.7|	0.0|	839.5|	
| 6- 1|si| 9| Ty |		1016.4|	0.0|	-1.4|	1016.4|	

----- PROGR. 145.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	19211.0|	302.1|	0.0|	25815.1|	6.3|	0.9|
| 12- 1|	4387.6|	389.4|	0.0|	5919.0|	4.2|	-9.4|
| 8- 2|	3842.9|	25.1|	0.0|	5054.1|	-0.2|	-11.3|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	1204.0|	0.0|	0.0|	1204.0|	
| 12- 1|si| 6| Tz |		189.3|	0.7|	0.0|	189.3|	
| 8- 2|si| 9| Ty |		198.9|	0.0|	2.2|	199.0|	

----- PROGR. 169.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	19158.5	149.3	0.0	25815.1	6.3	-5.3
12- 1	4102.1	288.4	0.0	5919.0	4.2	-14.2
8- 2	3494.5	30.4	0.0	5054.1	-0.2	-17.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	1199.5	0.0	0.0	1199.5
12- 1	si	6	Tz	Ty	192.6	0.9	0.0	192.7
8- 2	si	9	Ty	Si	198.9	0.0	3.5	199.0

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	18955.7	-3.5	0.0	25815.1	6.3	-11.5
12- 1	3701.0	187.4	0.0	5919.0	4.2	-19.0
8- 2	2995.9	35.7	0.0	5054.1	-0.2	-23.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1193.8	0.0	0.0	1193.8
12- 1	si	6	Tz	Ty	197.0	1.1	0.0	197.1
8- 2	si	9	Ty	Si	198.9	0.0	4.7	199.1

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (552- 555) 862
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	16873.5	-351.3	0.0	28516.2	0.7	14.6
12-15	3231.3	-2681.1	0.0	6936.1	-24.6	19.2
8- 2	2591.7	-40.9	0.0	5637.9	-0.9	26.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1289.6	0.0	0.0	1289.6
12-15	si	6	Tz	Ty	259.5	-2.6	0.0	259.5
8- 2	si	9	Ty	Si	221.8	0.0	-5.2	222.0

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	17149.5	-368.1	0.0	28516.2	0.7	8.3
12-15	3635.5	-2087.8	0.0	6936.1	-24.6	14.4
8- 2	3150.2	-18.1	0.0	5637.9	-0.9	20.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1292.7	0.0	0.0	1292.7
12-15	si	6	Tz	Ty	252.0	-2.4	0.0	252.0
8- 2	si	9	Ty	Si	221.9	0.0	-4.0	222.0

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	17275.2	-384.9	0.0	28516.2	0.7	2.1
12-15	3924.2	-1494.6	0.0	6936.1	-24.6	9.6
8- 2	3558.4	4.8	0.0	5637.9	-0.9	13.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1294.3	0.0	0.0	1294.3
12-15	si	6	Tz	Ty	245.5	-2.2	0.0	245.6
8- 2	si	9	Ty	Si	221.9	0.0	-2.7	221.9

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	17250.6	-401.7	0.0	28516.2	0.7	-4.1
12-15	4097.3	-901.3	0.0	6936.1	-24.6	4.8
8- 2	3816.3	27.7	0.0	5637.9	-0.9	7.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1294.5	0.0	0.0	1294.5
12-15	si	6	Tz	Ty	240.2	-2.0	0.0	240.2
8- 2	si	9	Ty	Si	221.9	0.0	-1.5	221.9

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	17075.8	-418.5	0.0	28516.2	0.7	-10.4
12- 2	4210.3	162.5	0.0	6396.1	24.7	-2.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1293.3	0.0	0.0	1293.3
12- 2	si	6	Tz	Ty	211.2	1.9	0.0	211.2
6- 1	si	9	Ty	Si	1121.8	0.0	2.0	1121.8

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	16750.8	-435.3	0.0	28516.2	0.7	-16.6
12- 2	4101.5	-433.4	0.0	6396.1	24.7	-6.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1290.7	0.0	0.0	1290.7
12- 2	si	6	Tz	Ty	216.0	2.1	0.0	216.0
6- 1	si	9	Ty	Si	1121.8	0.0	3.3	1121.8

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	16275.4	-452.1	0.0	28516.2	0.7	-22.8
12- 2	3877.1	-1029.3	0.0	6396.1	24.7	-11.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1286.7	0.0	0.0	1286.7
12- 2	si	6	Tz	Ty	221.8	2.3	0.0	221.8
6- 1	si	9	Ty	Si	1121.7	0.0	4.5	1121.8

Copertura area carburante - Relazione di calcolo

-----										PROGR.	169.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	15649.8 |	-468.9 |	0.0 |	28516.2 |	0.7 |	-29.0 |					
| 12- 2 |	3537.1 |	-1625.2 |	0.0 |	6396.1 |	24.7 |	-16.5 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1281.2 |	0.0 |	0.0 |	1281.2 |					
| 12- 2 |	|si| 6 |	Tz	228.7 |	2.5 |	0.0 |	228.8 |					
| 6- 1 |	|si| 9 |	Ty	1121.7 |	0.0 |	5.7 |	1121.8 |					
-----										PROGR.	193.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	14873.9 |	-485.7 |	0.0 |	28516.2 |	0.7 |	-35.3 |					
| 12- 2 |	3081.5 |	-2221.1 |	0.0 |	6396.1 |	24.7 |	-21.3 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1274.4 |	0.0 |	0.0 |	1274.4 |					
| 12- 2 |	|si| 6 |	Tz	236.8 |	2.7 |	0.0 |	236.8 |					
| 6- 1 |	|si| 9 |	Ty	1121.7 |	0.0 |	7.0 |	1121.8 |					
-----										PROGR.	24.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	19795.9 |	-108.9 |	0.0 |	34508.8 |	4.2 |	4.7 |					
| 12- 9 |	3931.2 |	9603.4 |	0.0 |	7623.8 |	70.0 |	15.6 |					
| 8- 2 |	3351.2 |	5.6 |	0.0 |	7022.7 |	-0.6 |	21.9 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1546.6 |	0.0 |	0.0 |	1546.6 |					
| 12- 9 |	|si| 5 |	Tz	323.5 |	5.8 |	0.0 |	323.6 |					
| 8- 2 |	|si| 9 |	Ty	276.4 |	0.0 |	-4.3 |	276.5 |					
-----										PROGR.	48.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	19834.5 |	-210.1 |	0.0 |	34508.8 |	4.2 |	-1.5 |					
| 12- 9 |	4250.9 |	7914.4 |	0.0 |	7623.8 |	70.0 |	10.9 |					
| 8- 2 |	3805.3 |	20.1 |	0.0 |	7022.7 |	-0.6 |	15.7 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1549.6 |	0.0 |	0.0 |	1549.6 |					
| 12- 9 |	|si| 5 |	Tz	309.8 |	5.6 |	0.0 |	310.0 |					
| 8- 2 |	|si| 9 |	Ty	276.4 |	0.0 |	-3.1 |	276.4 |					
-----										PROGR.	72.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	19722.8 |	-311.3 |	0.0 |	34508.8 |	4.2 |	-7.7 |					
| 12- 9 |	4455.0 |	6225.3 |	0.0 |	7623.8 |	70.0 |	6.1 |					
| 8- 2 |	4109.1 |	34.6 |	0.0 |	7022.7 |	-0.6 |	9.5 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1551.2 |	0.0 |	0.0 |	1551.2 |					
| 12- 9 |	|si| 5 |	Tz	297.3 |	5.4 |	0.0 |	297.5 |					
| 8- 2 |	|si| 9 |	Ty	276.4 |	0.0 |	-1.9 |	276.4 |					
-----										PROGR.	96.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	19460.9 |	-412.5 |	0.0 |	34508.8 |	4.2 |	-14.0 |					
| 12- 9 |	4543.5 |	4536.3 |	0.0 |	7623.8 |	70.0 |	1.3 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1551.3 |	0.0 |	0.0 |	1551.3 |					
| 12- 9 |	|si| 5 |	Tz	285.9 |	5.2 |	0.0 |	286.0 |					
| 6- 1 |	|si| 9 |	Ty	1357.6 |	0.0 |	2.8 |	1357.6 |					
-----										PROGR.	121.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	19048.6 |	-513.7 |	0.0 |	34508.8 |	4.2 |	-20.2 |					
| 12- 9 |	4516.5 |	2847.3 |	0.0 |	7623.8 |	70.0 |	-3.5 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1550.1 |	0.0 |	0.0 |	1550.1 |					
| 12- 9 |	|si| 6 |	Tz	239.8 |	5.3 |	0.0 |	240.0 |					
| 6- 1 |	|si| 9 |	Ty	1357.5 |	0.0 |	4.0 |	1357.5 |					
-----										PROGR.	145.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	18486.2 |	-615.0 |	0.0 |	34508.8 |	4.2 |	-26.4 |					
| 12- 9 |	4373.8 |	1158.2 |	0.0 |	7623.8 |	70.0 |	-8.3 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1547.5 |	0.0 |	0.0 |	1547.5 |					
| 12- 9 |	|si| 6 |	Tz	251.7 |	5.5 |	0.0 |	251.9 |					
| 6- 1 |	|si| 9 |	Ty	1357.4 |	0.0 |	5.2 |	1357.4 |					
-----										PROGR.	169.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	17773.4 |	-716.2 |	0.0 |	34508.8 |	4.2 |	-32.7 |					
| 12- 9 |	4115.5 |	-530.8 |	0.0 |	7623.8 |	70.0 |	-13.1 |					
TENSIONI (Sz= 0.00) :											
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si						
| 6- 1 |	|si| 3|Sx	Si |	1543.4 |	0.0 |	0.0 |	1543.4 |					
| 12- 9 |	|si| 6 |	Tz	264.8 |	5.7 |	0.0 |	264.9 |					
| 6- 1 |	|si| 9 |	Ty	1357.3 |	0.0 |	6.4 |	1357.3 |					
-----										PROGR.	169.
SOLLECITAZIONI :											

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6-1	16910.4	-817.4	0.0	34508.8	4.2	-38.9
12-9	3741.7	-2219.8	0.0	7623.8	70.0	-17.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1537.9	0.0	0.0	1537.9
12-9	si	6	Tz		278.9	5.8	0.0	279.1
6-1	si	9	Ty		1357.2	0.0	7.7	1357.3

PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15897.1	-918.6	0.0	34508.8	4.2	-45.1
12-9	3252.2	-3908.9	0.0	7623.8	70.0	-22.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1531.1	0.0	0.0	1531.1
12-9	si	6	Tz		294.1	6.0	0.0	294.3
6-1	si	9	Ty		1357.1	0.0	8.9	1357.2

VERIFICA STABILITA' :asta tesa per tutti i casi di carico.P_HEAL20_S011 (11) stato limite ultimo - ASTA (554- 557) 864

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18955.7	-3.5	0.0	32151.5	6.3	7.4
12-1	3701.0	187.4	0.0	7213.9	4.9	15.7
8-2	2995.9	35.7	0.0	6244.6	-0.2	22.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1443.2	0.0	0.0	1443.2
12-1	si	5	Tz		250.4	1.0	0.0	250.4
8-2	si	9	Ty		245.8	0.0	-4.5	245.9

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19058.0	-156.3	0.0	32151.5	6.3	1.1
12-1	4021.2	69.1	0.0	7213.9	4.9	10.9
8-2	3466.4	41.0	0.0	6244.6	-0.2	16.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1448.1	0.0	0.0	1448.1
12-1	si	5	Tz		246.6	0.8	0.0	246.6
8-2	si	9	Ty		245.8	0.0	-3.2	245.9

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19010.1	-309.1	0.0	32151.5	6.3	-5.1
8-2	3786.6	46.3	0.0	6244.6	-0.2	10.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1451.7	0.0	0.0	1451.7
6-1	si	6	Tz		1088.9	0.7	0.0	1088.9
8-2	si	9	Ty		245.8	0.0	-2.0	245.8

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18811.9	-461.9	0.0	32151.5	6.3	-11.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1453.8	0.0	0.0	1453.8
6-1	si	6	Tz		1091.7	0.9	0.0	1091.7
6-1	si	9	Ty		1264.8	0.0	2.2	1264.8

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18463.5	-614.8	0.0	32151.5	6.3	-17.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1454.5	0.0	0.0	1454.5
6-1	si	6	Tz		1096.0	1.2	0.0	1096.0
6-1	si	9	Ty		1264.6	0.0	3.5	1264.6

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	17964.8	-767.6	0.0	32151.5	6.3	-23.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1453.8	0.0	0.0	1453.8
6-1	si	6	Tz		1101.6	1.4	0.0	1101.6
6-1	si	9	Ty		1264.5	0.0	4.7	1264.5

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	17315.8	-920.4	0.0	32151.5	6.3	-30.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1451.6	0.0	0.0	1451.6
6-1	si	6	Tz		1108.6	1.7	0.0	1108.6
6-1	si	9	Ty		1264.3	0.0	5.9	1264.3

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	16516.5	-1073.2	0.0	32151.5	6.3	-36.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	1448.1	0.0	0.0	1448.1
6-1	si	6	Tz		1117.1	1.9	0.0	1117.1
6-1	si	9	Ty		1264.1	0.0	7.1	1264.2

Copertura area carburante - Relazione di calcolo

-----										PROGR.	193.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	15567.0|	-1226.0|	0.0|	32151.5|	6.3|	-42.5|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	0.0|	0.0|	1443.2|						
| 6- 1|	si| 6|	Tz	1127.0|	2.2|	0.0|	1127.0|					
| 6- 1|	si| 9|	Ty	1264.0|	0.0|	8.4|	1264.1|					

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.											
P_HEA120_S011 (11) stato limite ultimo - ASTA (555- 558)										865	
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	14873.9|	-485.7|	0.0|	30662.9|	-0.6|	40.7|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	0.0|	0.0|	1358.9|						
| 6- 1|	si| 6|	Tz	1070.2|	-1.7|	0.0|	1070.2|					
| 6- 1|	si| 9|	Ty	1206.2|	0.0|	-8.0|	1206.3|					

PROGR. 24.											
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	15781.3|	-471.3|	0.0|	30662.9|	-0.6|	34.5|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	0.0|	0.0|	1367.0|						
| 6- 1|	si| 6|	Tz	1061.6|	-1.4|	0.0|	1061.6|					
| 6- 1|	si| 9|	Ty	1206.2|	0.0|	-6.8|	1206.3|					

PROGR. 48.											
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	16538.5|	-456.9|	0.0|	30662.9|	-0.6|	28.3|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	0.0|	0.0|	1373.7|						
| 6- 1|	si| 6|	Tz	1054.4|	-1.2|	0.0|	1054.4|					
| 6- 1|	si| 9|	Ty	1206.2|	0.0|	-5.6|	1206.3|					

PROGR. 72.											
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	17145.4|	-442.5|	0.0|	30662.9|	-0.6|	22.0|					
| 12- 8|	3984.8|	-1734.5|	0.0|	7845.1|	-8.2|	9.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	0.0|	0.0|	1379.1|						
| 12- 8|	si| 6|	Tz	282.2|	-1.0|	0.0|	282.3|					
| 6- 1|	si| 9|	Ty	1206.2|	0.0|	-4.3|	1206.3|					

PROGR. 96.											
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	17602.0|	-428.1|	0.0|	30662.9|	-0.6|	15.8|					
| 12- 8|	4143.1|	-1535.6|	0.0|	7845.1|	-8.2|	4.2|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	0.0|	0.0|	1383.0|						
| 12- 8|	si| 6|	Tz	279.5|	-0.8|	0.0|	279.5|					
| 6- 1|	si| 9|	Ty	1206.3|	0.0|	-3.1|	1206.3|					

PROGR. 121.											
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	17908.4|	-413.7|	0.0|	30662.9|	-0.6|	9.6|					
| 12- 9|	4474.4|	1180.4|	0.0|	6724.1|	8.2|	-3.9|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 3|Sx	Si|	0.0|	0.0|	1385.5|						
| 12- 9|	si| 6|	Tz	215.2|	0.8|	0.0|	215.2|					
| 6- 1|	si| 9|	Ty	1206.3|	0.0|	-1.9|	1206.3|					

PROGR. 145.											
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	18119.1|	-363.8|	0.0|	30679.8|	0.2|	2.9|					
| 12- 9|	4323.6|	981.6|	0.0|	6724.1|	8.2|	-8.6|					
| 8- 2|	3748.2|	68.1|	0.0|	5833.4|	0.5|	-12.5|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 3|Sx	Si|	0.0|	0.0|	1386.8|						
| 12- 9|	si| 6|	Tz	217.9|	0.9|	0.0|	217.9|					
| 8- 2|	si| 9|	Ty	229.6|	0.0|	2.5|	229.7|					

PROGR. 169.											
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	18114.1|	-368.2|	0.0|	30679.8|	0.2|	-3.3|					
| 12- 9|	4057.3|	782.7|	0.0|	6724.1|	8.2|	-13.4|					
| 8- 2|	3371.6|	55.7|	0.0|	5833.4|	0.5|	-18.7|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 3|Sx	Si|	0.0|	0.0|	1386.9|						
| 12- 9|	si| 6|	Tz	221.6|	1.1|	0.0|	221.7|					
| 8- 2|	si| 9|	Ty	229.6|	0.0|	3.7|	229.7|					

PROGR. 193.											
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	17958.8|	-372.5|	0.0|	30679.8|	0.2|	-9.6|					
| 12- 9|	3675.4|	583.9|	0.0|	6724.1|	8.2|	-18.2|					
| 8- 2|	2844.7|	43.4|	0.0|	5833.4|	0.5|	-25.0|					
TENSIONI (Sz= 0.00) :											

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	Si	1385.5	0.0	1385.5
12- 9	|si	6	Tz		226.5	1.3	226.5
8- 2	|si	9	Ty		229.6	0.0	229.8

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEAL20_S011 (11) stato limite ultimo - ASTA (556- 559) 866
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	15897.1	-918.6	0.0	34248.9	-3.2	44.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1520.8	0.0	1520.8
6- 1	|si	6	Tz		1204.5	-2.0	1204.5
6- 1	|si	9	Ty		1346.8	0.0	1346.9

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	16898.6	-841.0	0.0	34248.9	-3.2	38.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1528.2	0.0	1528.2
6- 1	|si	6	Tz		1194.6	-1.8	1194.6
6- 1	|si	9	Ty		1346.9	0.0	1347.0

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	17749.7	-763.4	0.0	34248.9	-3.2	32.2
12-16	4137.8	-3352.5	0.0	7787.0	-13.8	13.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1534.2	0.0	1534.2
12-16	|si	6	Tz		288.7	-1.5	288.7
6- 1	|si	9	Ty		1347.0	0.0	1347.1

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	18450.7	-685.8	0.0	34248.9	-3.2	25.9
12-16	4394.2	-3018.8	0.0	7787.0	-13.8	8.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1538.7	0.0	1538.7
12-16	|si	6	Tz		284.2	-1.3	284.2
6- 1	|si	9	Ty		1347.1	0.0	1347.1

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	19001.3	-608.2	0.0	34248.9	-3.2	19.7
12-16	4535.1	-2685.0	0.0	7787.0	-13.8	3.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1541.9	0.0	1541.9
12-16	|si	6	Tz		280.8	-1.2	280.8
6- 1	|si	9	Ty		1347.2	0.0	1347.2

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	19401.7	-530.5	0.0	34248.9	-3.2	13.5
12-16	4560.3	-2351.3	0.0	7787.0	-13.8	-1.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1543.6	0.0	1543.6
12-16	|si	5	Tz		248.9	-1.1	248.9
6- 1	|si	9	Ty		1347.3	0.0	1347.3

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	19651.8	-452.9	0.0	34248.9	-3.2	7.3
12-16	4469.9	-2017.6	0.0	7787.0	-13.8	-6.1
8- 2	4080.6	68.4	0.0	7009.7	0.4	-9.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1544.0	0.0	1544.0
12-16	|si	5	Tz		251.9	-1.3	251.9
8- 2	|si	9	Ty		275.9	0.0	276.0

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	19751.6	-375.3	0.0	34248.9	-3.2	1.0
12-16	4264.0	-1683.9	0.0	7787.0	-13.8	-10.9
8- 2	3772.1	59.5	0.0	7009.7	0.4	-15.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1542.9	0.0	1542.9
12-16	|si	5	Tz		255.9	-1.4	255.9
8- 2	|si	9	Ty		275.9	0.0	276.0

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	19701.2	-297.7	0.0	34248.9	-3.2	-5.2
12-16	3942.4	-1350.1	0.0	7787.0	-13.8	-15.7
8- 2	3313.3	50.6	0.0	7009.7	0.4	-22.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	1540.4	0.0	1540.4
12-16	|si	5	Tz		261.0	-1.6	261.0
8- 2	|si	9	Ty		275.9	0.0	276.0

Copertura area carburante - Relazione di calcolo

 VERIFICA STABILITA' :asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (557- 560) 867
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 15567.0| -1226.0| 0.0| 30726.2| -5.5| 38.7|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1387.1	0.0	0.0	1387.1
6- 1	si	6	Tz	1070.9	-1.9	0.0	1070.9	
6- 1	si	9	Ty	1207.9	0.0	-7.6	1208.0	
 ----- PROGR. 24.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 16426.1| -1093.8| 0.0| 30726.2| -5.5| 32.5|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1391.7	0.0	0.0	1391.7
6- 1	si	6	Tz	1062.0	-1.7	0.0	1062.0	
6- 1	si	9	Ty	1208.0	0.0	-6.4	1208.1	
 ----- PROGR. 48.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 17134.9| -961.6| 0.0| 30726.2| -5.5| 26.3|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1394.9	0.0	0.0	1394.9
6- 1	si	6	Tz	1054.5	-1.4	0.0	1054.5	
6- 1	si	9	Ty	1208.2	0.0	-5.2	1208.2	
 ----- PROGR. 72.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 17693.4| -829.4| 0.0| 30726.2| -5.5| 20.0|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1396.7	0.0	0.0	1396.7
6- 1	si	6	Tz	1048.4	-1.2	0.0	1048.4	
6- 1	si	9	Ty	1208.3	0.0	-4.0	1208.3	
 ----- PROGR. 96.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 18101.6| -697.2| 0.0| 30726.2| -5.5| 13.8|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1397.1	0.0	0.0	1397.1
6- 1	si	6	Tz	1043.8	-1.0	0.0	1043.8	
6- 1	si	9	Ty	1208.5	0.0	-2.7	1208.5	
 ----- PROGR. 121.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 18359.6| -565.0| 0.0| 30726.2| -5.5| 7.6|
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1396.1	0.0	0.0	1396.1
6- 1	si	6	Tz	1040.5	-0.7	0.0	1040.5	
6- 1	si	9	Ty	1208.6	0.0	-1.5	1208.6	
 ----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	18467.3	-432.8	0.0	30726.2	-5.5	1.4
12- 6	4041.1	-212.3	0.0	6548.6	-4.1	-7.3
8- 2	3636.8	79.7	0.0	5908.0	0.0	-11.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	1393.7	0.0
12- 6	si	5	Tz	218.5	-0.6	0.0
8- 2	si	9	Ty	232.6	0.0	2.2
 ----- PROGR. 169.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	18424.8	-300.6	0.0	30726.2	-5.5	-4.9
12- 6	3807.2	-113.5	0.0	6548.6	-4.1	-12.1
8- 2	3291.6	80.0	0.0	5908.0	0.0	-17.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	1389.9	0.0
12- 6	si	5	Tz	221.3	-0.8	0.0
8- 2	si	9	Ty	232.6	0.0	3.4
 ----- PROGR. 193.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	18232.0	-168.4	0.0	30726.2	-5.5	-11.1
7- 2	3084.2	53.4	0.0	6656.6	-1.5	-22.0
8- 2	2796.2	80.2	0.0	5908.0	0.0	-23.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	1384.6	0.0
7- 2	si	5	Tz	233.4	-1.0	0.0
8- 2	si	9	Ty	232.6	0.0	4.7

 VERIFICA STABILITA' :asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (558- 561) 868
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 6- 1|	17925.8|	-370.5|	0.0|	23500.2|	-0.6|	14.6|
| 12- 8|	3620.7|	-740.4|	0.0|	6274.2|	-7.5|	20.1|
| 7- 2|	2789.8|	46.7|	0.0|	4639.6|	-0.8|	26.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1102.6|	0.0|	0.0|	1102.6|
| 12- 8|si| 6|	Tz |	217.6|	-1.3|	0.0|	217.6|
| 7- 2|si| 9|	Ty |	182.6|	0.0|	-5.3|	182.9|

24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18202.6|	-356.1|	0.0|	23500.2|	-0.6|	8.4|
| 12- 8|	4046.9|	-558.8|	0.0|	6274.2|	-7.5|	15.3|
| 7- 2|	3361.9|	65.6|	0.0|	4639.6|	-0.8|	20.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1104.8|	0.0|	0.0|	1104.8|
| 12- 8|si| 6|	Tz |	212.5|	-1.2|	0.0|	212.5|
| 7- 2|si| 9|	Ty |	182.7|	0.0|	-4.1|	182.8|

48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18329.0|	-341.7|	0.0|	23500.2|	-0.6|	2.1|
| 12- 8|	4357.5|	-377.3|	0.0|	6274.2|	-7.5|	10.5|
| 7- 2|	3783.8|	84.5|	0.0|	4639.6|	-0.8|	14.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1105.7|	0.0|	0.0|	1105.7|
| 12- 8|si| 6|	Tz |	208.4|	-1.0|	0.0|	208.4|
| 7- 2|si| 9|	Ty |	182.7|	0.0|	-2.8|	182.7|

72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18305.3|	-327.3|	0.0|	23500.2|	-0.6|	-4.1|
| 12- 8|	4552.6|	-195.8|	0.0|	6274.2|	-7.5|	5.7|
| 7- 2|	4055.5|	103.4|	0.0|	4639.6|	-0.8|	8.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1105.1|	0.0|	0.0|	1105.1|
| 12- 8|si| 6|	Tz |	205.4|	-0.8|	0.0|	205.4|
| 7- 2|si| 9|	Ty |	182.7|	0.0|	-1.6|	182.7|

96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18131.2|	-313.0|	0.0|	23500.2|	-0.6|	-10.3|
| 12- 9|	4465.8|	-142.4|	0.0|	5022.6|	7.5|	-1.4|
| 5- 1|	18124.6|	-389.9|	0.0|	23386.4|	0.2|	-10.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1103.0|	0.0|	0.0|	1103.0|
| 12- 9|si| 6|	Tz |	156.7|	0.6|	0.0|	156.7|
| 5- 1|si| 9|	Ty |	919.9|	0.0|	2.1|	919.9|

121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17806.9|	-298.6|	0.0|	23500.2|	-0.6|	-16.6|
| 12- 9|	4374.4|	-324.0|	0.0|	5022.6|	7.5|	-6.2|
| 5- 1|	17790.4|	-394.2|	0.0|	23386.4|	0.2|	-17.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1099.6|	0.0|	0.0|	1099.6|
| 12- 9|si| 6|	Tz |	158.7|	0.8|	0.0|	158.7|
| 5- 1|si| 9|	Ty |	919.9|	0.0|	3.3|	919.9|

145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17332.3|	-284.2|	0.0|	23500.2|	-0.6|	-22.8|
| 12- 9|	4167.4|	-505.6|	0.0|	5022.6|	7.5|	-11.0|
| 5- 1|	17306.0|	-398.5|	0.0|	23386.4|	0.2|	-23.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1094.8|	0.0|	0.0|	1094.8|
| 12- 9|si| 6|	Tz |	161.7|	1.0|	0.0|	161.7|
| 5- 1|si| 9|	Ty |	919.9|	0.0|	4.6|	920.0|

169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	16707.4|	-269.8|	0.0|	23500.2|	-0.6|	-29.0|
| 5- 1|	16671.2|	-402.9|	0.0|	23386.4|	0.2|	-29.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1088.6|	0.0|	0.0|	1088.6|
| 6- 1|si| 5|	Tz |	766.4|	-1.2|	0.0|	766.4|
| 5- 1|si| 9|	Ty |	919.9|	0.0|	5.8|	920.0|

193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	15932.3|	-255.4|	0.0|	23500.2|	-0.6|	-35.2|
| 5- 1|	15886.2|	-407.2|	0.0|	23386.4|	0.2|	-35.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	1080.9|	0.0|	0.0|	1080.9|
| 6- 1|si| 5|	Tz |	773.8|	-1.4|	0.0|	773.8|
| 5- 1|si| 9|	Ty |	919.9|	0.0|	7.0|	920.0|

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11)	stato limite ultimo - ASTA (559- 562)	869
	----- PROGR.	0.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	19701.2	-297.7	0.0	27354.7	-3.2	7.6
12-16	3942.4	-1350.1	0.0	6277.4	-13.1	17.7
8- 2	3313.3	50.6	0.0	5626.6	0.4	24.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1269.1	0.0	0.0	1269.1
12-16	si	6	Tz		218.5	-1.7	0.0	218.6
8- 2	si	9	Ty		221.5	0.0	-4.8	221.6
 ----- PROGR. 24.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	19809.1	-220.1	0.0	27354.7	-3.2	1.4
12-16	4311.9	-1033.7	0.0	6277.4	-13.1	12.9
8- 2	3819.8	41.7	0.0	5626.6	0.4	17.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1268.1	0.0	0.0	1268.1
12-16	si	6	Tz		213.1	-1.5	0.0	213.1
8- 2	si	9	Ty		221.5	0.0	-3.5	221.6
 ----- PROGR. 48.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	19766.8	-142.5	0.0	27354.7	-3.2	-4.9
12-16	4565.7	-717.2	0.0	6277.4	-13.1	8.1
8- 2	4176.1	32.8	0.0	5626.6	0.4	11.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1265.7	0.0	0.0	1265.7
12-16	si	6	Tz		208.7	-1.3	0.0	208.7
8- 2	si	9	Ty		221.5	0.0	-2.3	221.5
 ----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	19574.3	-64.9	0.0	27354.7	-3.2	-11.1
12-16	4704.0	-400.7	0.0	6277.4	-13.1	3.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1261.8	0.0	0.0	1261.8
12-16	si	6	Tz		205.4	-1.1	0.0	205.4
6- 1	si	9	Ty		1076.5	0.0	2.2	1076.5
 ----- PROGR. 96.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	19231.4	12.8	0.0	27354.7	-3.2	-17.3
12- 1	4569.4	70.8	0.0	6297.9	12.0	-3.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	1257.3	0.0	0.0	1257.3
12- 1	si	6	Tz		204.5	1.0	0.0	204.6
6- 1	si	9	Ty		1076.5	0.0	3.4	1076.6
 ----- PROGR. 121.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	18738.3	90.4	0.0	27354.7	-3.2	-23.6
12- 1	4427.0	-218.9	0.0	6297.9	12.0	-8.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	1254.7	0.0	0.0	1254.7
12- 1	si	6	Tz		207.7	1.2	0.0	207.7
6- 1	si	9	Ty		1076.6	0.0	4.6	1076.7
 ----- PROGR. 145.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 18094.9 | 168.0 | 0.0 | 27354.7 | -3.2 | -29.8 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	1250.6	0.0	0.0	1250.6
6- 1	si	5	Tz		907.8	-1.4	0.0	907.8
6- 1	si	9	Ty		1076.7	0.0	5.9	1076.8
 ----- PROGR. 169.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 17301.2 | 245.6 | 0.0 | 27354.7 | -3.2 | -36.0 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	1245.2	0.0	0.0	1245.2
6- 1	si	5	Tz		915.8	-1.7	0.0	915.8
6- 1	si	9	Ty		1076.8	0.0	7.1	1076.9
 ----- PROGR. 193.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 16357.3 | 323.2 | 0.0 | 27354.7 | -3.2 | -42.2 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	1238.4	0.0	0.0	1238.4
6- 1	si	5	Tz		925.1	-1.9	0.0	925.1
6- 1	si	9	Ty		1076.9	0.0	8.3	1077.0
 ----- PROGR. 193.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (560- 563) 870
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	18232.0	-168.4	0.0	22956.0	-5.5	11.7
7- 2	3084.2	53.4	0.0	5320.6	-1.5	24.7
8- 2	2796.2	80.2	0.0	4370.1	0.0	24.9

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 3|	Sx	Si| 1078.8|	0.0|	0.0|	1078.8|		
| 7- 2|	|si| 6|	Tz	| 180.1|	-1.1|	0.0|	180.1|		
| 8- 2|	|si| 9|	Ty	| 172.1|	0.0|	-4.9|	172.3|		
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	18438.5|	-36.2|	0.0|	22956.0|	-5.5|	5.4|		
| 7- 2|	3604.4|	89.9|	0.0|	5320.6|	-1.5|	18.4|		
| 8- 2|	3320.9|	80.5|	0.0|	4370.1|	0.0|	18.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 3|	Sx	Si| 1077.3|	0.0|	0.0|	1077.3|		
| 7- 2|	|si| 6|	Tz	| 175.0|	-0.8|	0.0|	175.0|		
| 8- 2|	|si| 9|	Ty	| 172.1|	0.0|	-3.7|	172.2|		
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	18494.8|	96.0|	0.0|	22956.0|	-5.5|	-0.8|		
| 7- 2|	3974.4|	126.5|	0.0|	5320.6|	-1.5|	12.2|		
| 8- 2|	3695.3|	80.7|	0.0|	4370.1|	0.0|	12.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	Si| 1079.4|	0.0|	0.0|	1079.4|		
| 7- 2|	|si| 6|	Tz	| 171.3|	-0.6|	0.0|	171.3|		
| 8- 2|	|si| 9|	Ty	| 172.1|	0.0|	-2.4|	172.1|		
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	18400.8|	228.2|	0.0|	22956.0|	-5.5|	-7.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	Si| 1082.0|	0.0|	0.0|	1082.0|		
| 6- 1|	|si| 5|	Tz	| 732.2|	-0.7|	0.0|	732.2|		
| 6- 1|	|si| 9|	Ty	| 903.7|	0.0|	1.4|	903.7|		
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	18156.5|	360.4|	0.0|	22956.0|	-5.5|	-13.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	Si| 1083.1|	0.0|	0.0|	1083.1|		
| 6- 1|	|si| 5|	Tz	| 735.4|	-0.9|	0.0|	735.4|		
| 6- 1|	|si| 9|	Ty	| 903.8|	0.0|	2.6|	903.8|		
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	17761.9|	492.6|	0.0|	22956.0|	-5.5|	-19.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	Si| 1082.8|	0.0|	0.0|	1082.8|		
| 6- 1|	|si| 5|	Tz	| 739.9|	-1.2|	0.0|	739.9|		
| 6- 1|	|si| 9|	Ty	| 904.0|	0.0|	3.8|	904.0|		
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	17217.1|	624.8|	0.0|	22956.0|	-5.5|	-25.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	Si| 1081.2|	0.0|	0.0|	1081.2|		
| 6- 1|	|si| 5|	Tz	| 745.8|	-1.4|	0.0|	745.8|		
| 6- 1|	|si| 9|	Ty	| 904.1|	0.0|	5.1|	904.1|		
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	16522.0|	757.0|	0.0|	22956.0|	-5.5|	-31.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	Si| 1078.1|	0.0|	0.0|	1078.1|		
| 6- 1|	|si| 5|	Tz	| 753.2|	-1.7|	0.0|	753.2|		
| 6- 1|	|si| 9|	Ty	| 904.2|	0.0|	6.3|	904.3|		
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	15676.7|	889.2|	0.0|	22956.0|	-5.5|	-38.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	Si| 1073.6|	0.0|	0.0|	1073.6|		
| 6- 1|	|si| 5|	Tz	| 761.9|	-1.9|	0.0|	762.0|		
| 6- 1|	|si| 9|	Ty	| 904.4|	0.0|	7.5|	904.5|		
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEA120_S011 (11)	stato limite ultimo - ASTA (561- 564)						871	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	15932.3|	-255.4|	0.0|	13958.0|	-0.7|	-12.9|		
| 5- 1|	15886.2|	-407.2|	0.0|	13852.0|	-1.1|	-13.1|		
| 7- 2|	3159.5|	197.7|	0.0|	2569.2|	0.5|	13.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 3|	Sx	Si| 705.4|	0.0|	0.0|	705.4|		
| 5- 1|	|si| 5|	Tz	| 393.6|	-0.6|	0.0|	393.6|		
| 7- 2|	|si| 9|	Ty	| 101.3|	0.0|	-2.6|	101.4|		
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		

Copertura area carburante - Relazione di calcolo

| 6- 1|	15545.5|	-239.4|	0.0|	13958.0|	-0.7|	-19.1|
| 5- 1|	15494.9|	-381.8|	0.0|	13852.0|	-1.1|	-19.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx Si|	701.4|	0.0|	0.0|	701.4|
| 5- 1|si| 5| Tz |	397.4|	-0.8|	0.0|	397.4|
| 5- 1|si| 9| Ty |	544.7|	0.0|	3.8|	544.8|

----- PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	15008.5|	-223.5|	0.0|	13958.0|	-0.7|	-25.4|
| 5- 1|	14953.4|	-356.3|	0.0|	13852.0|	-1.1|	-25.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx Si|	695.9|	0.0|	0.0|	695.9|
| 5- 1|si| 5| Tz |	402.6|	-1.1|	0.0|	402.6|
| 5- 1|si| 9| Ty |	544.7|	0.0|	5.0|	544.8|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	14321.1|	-207.5|	0.0|	13958.0|	-0.7|	-31.6|
| 5- 1|	14261.5|	-330.9|	0.0|	13852.0|	-1.1|	-31.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx Si|	689.0|	0.0|	0.0|	689.0|
| 5- 1|si| 5| Tz |	409.3|	-1.3|	0.0|	409.3|
| 5- 1|si| 9| Ty |	544.8|	0.0|	6.3|	544.9|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13483.5|	-191.5|	0.0|	13958.0|	-0.7|	-37.8|
| 5- 1|	13419.5|	-305.4|	0.0|	13852.0|	-1.1|	-38.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx Si|	680.8|	0.0|	0.0|	680.8|
| 5- 1|si| 5| Tz |	417.3|	-1.6|	0.0|	417.3|
| 5- 1|si| 9| Ty |	544.8|	0.0|	7.5|	545.0|

----- PROGR. 121.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	12495.7|	-175.6|	0.0|	13958.0|	-0.7|	-44.1|
| 5- 1|	12427.1|	-280.0|	0.0|	13852.0|	-1.1|	-44.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx Si|	671.1|	0.0|	0.0|	671.1|
| 5- 1|si| 5| Tz |	426.8|	-1.8|	0.0|	426.8|
| 5- 1|si| 9| Ty |	544.8|	0.0|	8.7|	545.0|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	11357.6|	-159.6|	0.0|	13958.0|	-0.7|	-50.3|
| 5- 1|	11284.5|	-254.5|	0.0|	13852.0|	-1.1|	-50.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx Si|	660.0|	0.0|	0.0|	660.0|
| 5- 1|si| 5| Tz |	437.7|	-2.1|	0.0|	437.7|
| 5- 1|si| 9| Ty |	544.9|	0.0|	10.0|	545.1|

----- PROGR. 169.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	10069.2|	-143.7|	0.0|	13958.0|	-0.7|	-56.5|
| 5- 1|	9991.6|	-229.1|	0.0|	13852.0|	-1.1|	-56.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx Si|	647.5|	0.0|	0.0|	647.5|
| 5- 1|si| 5| Tz |	450.0|	-2.3|	0.0|	450.0|
| 5- 1|si| 9| Ty |	544.9|	0.0|	11.2|	545.2|

----- PROGR. 193.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	8630.5|	-127.7|	0.0|	13958.0|	-0.7|	-62.7|
| 5- 1|	8548.4|	-203.6|	0.0|	13852.0|	-1.1|	-62.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx Si|	633.6|	0.0|	0.0|	633.6|
| 5- 1|si| 5| Tz |	463.7|	-2.6|	0.0|	463.7|
| 5- 1|si| 9| Ty |	544.9|	0.0|	12.4|	545.3|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (562- 565) 872

----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	16357.3|	323.2|	0.0|	13594.6|	0.8|	-19.7|
| 5- 1|	16424.6|	143.8|	0.0|	13224.1|	0.4|	-20.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx Si|	696.8|	0.0|	0.0|	696.8|
| 6- 1|si| 6| Tz |	379.5|	0.8|	0.0|	379.5|
| 5- 1|si| 9| Ty |	520.6|	0.0|	4.0|	520.6|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	15806.4|	303.0|	0.0|	13594.6|	0.8|	-25.9|
| 5- 1|	15858.9|	134.8|	0.0|	13224.1|	0.4|	-26.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx Si|	691.2|	0.0|	0.0|	691.2|

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 6| Tz |	| 384.8|	| 1.1|	| 0.0|	| 384.8|	
| 5- 1|si| 9| Ty |	| 520.6|	| 0.0|	| 5.2|	| 520.6|	
----- PROGR. 48.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	15105.3|	282.8|	0.0|	13594.6|	0.8| -32.2|
| 5- 1|	15142.9|	125.8|	0.0|	13224.1|	0.4| -32.8|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	684.1|	0.0|	0.0|	684.1|	
| 6- 1|si| 6| Tz |	391.5|	1.3|	0.0|	391.5|	
| 5- 1|si| 9| Ty |	520.6|	0.0|	6.5|	520.7|	
----- PROGR. 72.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	14253.9|	262.6|	0.0|	13594.6|	0.8| -38.4|
| 5- 1|	14276.7|	116.8|	0.0|	13224.1|	0.4| -39.0|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	675.5|	0.0|	0.0|	675.5|	
| 6- 1|si| 6| Tz |	399.6|	1.6|	0.0|	399.7|	
| 5- 1|si| 9| Ty |	520.6|	0.0|	7.7|	520.7|	
----- PROGR. 96.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	13252.2|	242.4|	0.0|	13594.6|	0.8| -44.6|
| 5- 1|	13260.1|	107.8|	0.0|	13224.1|	0.4| -45.2|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	665.6|	0.0|	0.0|	665.6|	
| 6- 1|si| 6| Tz |	409.2|	1.8|	0.0|	409.2|	
| 5- 1|si| 9| Ty |	520.5|	0.0|	8.9|	520.8|	
----- PROGR. 121.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	12100.2|	222.2|	0.0|	13594.6|	0.8| -50.9|
| 5- 1|	12093.4|	98.9|	0.0|	13224.1|	0.4| -51.5|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	654.3|	0.0|	0.0|	654.3|	
| 6- 1|si| 6| Tz |	420.1|	2.1|	0.0|	420.1|	
| 5- 1|si| 9| Ty |	520.5|	0.0|	10.2|	520.8|	
----- PROGR. 145.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	10798.0|	202.0|	0.0|	13594.6|	0.8| -57.1|
| 5- 1|	10776.3|	89.9|	0.0|	13224.1|	0.4| -57.7|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	641.5|	0.0|	0.0|	641.5|	
| 6- 1|si| 6| Tz |	432.4|	2.3|	0.0|	432.5|	
| 5- 1|si| 9| Ty |	520.5|	0.0|	11.4|	520.9|	
----- PROGR. 169.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	9345.5|	181.8|	0.0|	13594.6|	0.8| -63.3|
| 5- 1|	9309.0|	80.9|	0.0|	13224.1|	0.4| -63.9|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	627.4|	0.0|	0.0|	627.4|	
| 6- 1|si| 6| Tz |	446.2|	2.6|	0.0|	446.2|	
| 5- 1|si| 9| Ty |	520.5|	0.0|	12.6|	521.0|	
----- PROGR. 193.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	7742.8|	161.6|	0.0|	13594.6|	0.8| -69.6|
| 5- 1|	7691.4|	71.9|	0.0|	13224.1|	0.4| -70.2|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	611.8|	0.0|	0.0|	611.8|	
| 6- 1|si| 6| Tz |	461.4|	2.8|	0.0|	461.4|	
| 5- 1|si| 9| Ty |	520.5|	0.0|	13.8|	521.1|	
----- PROGR. 24.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	15372.1|	833.6|	0.0|	15149.5|	2.3| -15.7|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	766.4|	0.0|	0.0|	766.4|	
| 8- 2|si| 5| Tz |	89.8|	0.6|	0.0|	89.8|	
| 8- 2|si| 9| Ty |	115.5|	0.0|	-3.1|	115.7|	
----- PROGR. 48.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	14917.2|	778.0|	0.0|	15149.5|	2.3| -22.0|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S011 (11) stato limite ultimo - ASTA (563- 566) 873
----- PROGR. 0.

SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	15676.7|	889.2|	0.0|	15149.5|	2.3| -9.5|
| 8- 2|	2786.2|	82.3|	0.0|	2933.6|	0.2| 15.5|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	766.4|	0.0|	0.0|	766.4|	
| 8- 2|si| 5| Tz |	89.8|	0.6|	0.0|	89.8|	
| 8- 2|si| 9| Ty |	115.5|	0.0|	-3.1|	115.7|	
----- PROGR. 24.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	15372.1|	833.6|	0.0|	15149.5|	2.3| -15.7|
TENSIONI (Sz= 0.00) :					
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 4|Sx Si|	762.1|	0.0|	0.0|	762.1|	
| 6- 1|si| 6| Tz |	446.8|	0.8|	0.0|	446.8|	
| 6- 1|si| 9| Ty |	597.1|	0.0|	3.1|	597.1|	
----- PROGR. 48.					
SOLLECITAZIONI :					
| Caso |	MZ |	MY |	MT |	N |	TZ | TY |
| 6- 1|	14917.2|	778.0|	0.0|	15149.5|	2.3| -22.0|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	| 756.3|	| 0.0|	| 0.0|	| 756.3|		
| 6- 1|	|si| 6|	Tz	| 451.4|	| 1.0|	| 0.0|	| 451.4|		
| 6- 1|	|si| 9|	Ty	| 597.0|	| 0.0|	| 4.3|	| 597.1|		
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 6- 1|	14312.0|	722.5|	0.0|	15149.5|	2.3|	-28.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	| 749.2|	| 0.0|	| 0.0|	| 749.2|		
| 6- 1|	|si| 6|	Tz	| 457.4|	| 1.3|	| 0.0|	| 457.4|		
| 6- 1|	|si| 9|	Ty	| 597.0|	| 0.0|	| 5.6|	| 597.1|		
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 6- 1|	13556.6|	666.9|	0.0|	15149.5|	2.3|	-34.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	| 740.7|	| 0.0|	| 0.0|	| 740.7|		
| 6- 1|	|si| 6|	Tz	| 464.8|	| 1.5|	| 0.0|	| 464.8|		
| 6- 1|	|si| 9|	Ty	| 596.9|	| 0.0|	| 6.8|	| 597.0|		
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 6- 1|	12651.0|	611.3|	0.0|	15149.5|	2.3|	-40.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	| 730.8|	| 0.0|	| 0.0|	| 730.8|		
| 6- 1|	|si| 6|	Tz	| 473.7|	| 1.8|	| 0.0|	| 473.7|		
| 6- 1|	|si| 9|	Ty	| 596.9|	| 0.0|	| 8.0|	| 597.0|		
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 6- 1|	11595.0|	555.7|	0.0|	15149.5|	2.3|	-46.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	| 719.4|	| 0.0|	| 0.0|	| 719.4|		
| 6- 1|	|si| 6|	Tz	| 483.9|	| 2.0|	| 0.0|	| 484.0|		
| 6- 1|	|si| 9|	Ty	| 596.8|	| 0.0|	| 9.2|	| 597.0|		
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 6- 1|	10388.8|	500.2|	0.0|	15149.5|	2.3|	-53.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	| 706.6|	| 0.0|	| 0.0|	| 706.6|		
| 6- 1|	|si| 6|	Tz	| 495.6|	| 2.3|	| 0.0|	| 495.6|		
| 6- 1|	|si| 9|	Ty	| 596.7|	| 0.0|	| 10.5|	| 597.0|		
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 6- 1|	9032.3|	444.6|	0.0|	15149.5|	2.3|	-59.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 4|	Sx	| 692.5|	| 0.0|	| 0.0|	| 692.5|		
| 6- 1|	|si| 6|	Tz	| 508.7|	| 2.5|	| 0.0|	| 508.7|		
| 6- 1|	|si| 9|	Ty	| 596.7|	| 0.0|	| 11.7|	| 597.0|		
-----							PROGR.	193.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEA120_S011 (11) stato limite ultimo - ASTA (516- 546) 919								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 5- 1|	0.0|	0.0|	0.0|	-3025.0|	0.3|	66.4|		
| 12- 7|	0.0|	0.0|	0.0|	-993.9|	71.4|	25.1|		
| 6- 1|	0.0|	0.0|	0.0|	-2912.1|	0.6|	66.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 1|	Sx	| -119.0|	| 0.0|	| 0.0|	| 119.0|		
| 12- 7|	|si| 5|	Tz	| -39.1|	| 6.2|	| 0.0|	| 40.6|		
| 6- 1|	|si| 9|	Ty	| -114.6|	| 0.0|	| -13.1|	| 116.8|		
| 5- 1|	|si| 9|	Si	| -119.0|	| 0.0|	| -13.1|	| 121.2|		
-----							PROGR.	24.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 5- 1|	1525.9|	-8.0|	0.0|	-3025.0|	0.3|	60.1|		
| 12- 7|	546.8|	-1722.4|	0.0|	-993.9|	71.4|	20.3|		
| 6- 1|	1527.1|	-13.6|	0.0|	-2912.1|	0.6|	60.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 1|	Sx	| -133.6|	| 0.0|	| 0.0|	| 133.6|		
| 12- 7|	|si| 5|	Tz	| -55.1|	| 6.0|	| 0.0|	| 56.0|		
| 6- 1|	|si| 9|	Ty	| -114.6|	| 0.0|	| -11.9|	| 116.4|		
-----							PROGR.	48.
SOLLECITAZIONI :								
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|	
| 5- 1|	2901.5|	-16.0|	0.0|	-3025.0|	0.3|	53.9|		
| 12- 7|	978.1|	-3444.7|	0.0|	-993.9|	71.4|	15.5|		
| 6- 1|	2904.0|	-27.1|	0.0|	-2912.1|	0.6|	54.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 1|	Sx	| -146.7|	| 0.0|	| 0.0|	| 146.7|		
| 12- 7|	|si| 5|	Tz	| -69.9|	| 5.9|	| 0.0|	| 70.7|		
| 6- 1|	|si| 9|	Ty	| -114.6|	| 0.0|	| -10.6|	| 116.1|		
-----							PROGR.	72.
SOLLECITAZIONI :								

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1288.6	-5169.4	0.0	-1015.1	71.4	10.6		
12- 7	1293.7	-5167.1	0.0	-993.9	71.4	10.7		
6- 1	4130.6	-40.7	0.0	-2912.1	0.6	47.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-186.3	0.0	0.0	186.3
12- 7	|si	|5	|Tz	-83.7	5.7	0.0	84.3	
6- 1	|si	|9	|Ty	-114.6	0.0	-9.4	115.8	
----- PROGR.							96.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1486.9	-6892.5	0.0	-1015.1	71.4	5.8		
12- 7	1493.8	-6889.5	0.0	-993.9	71.4	5.9		
6- 1	5206.9	-54.2	0.0	-2912.1	0.6	41.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-233.0	0.0	0.0	233.0
12- 7	|si	|5	|Tz	-96.4	5.5	0.0	96.9	
6- 1	|si	|9	|Ty	-114.7	0.0	-8.2	115.5	
----- PROGR.							121.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1569.6	-8615.7	0.0	-1015.1	71.4	1.0		
12- 7	1578.3	-8611.9	0.0	-993.9	71.4	1.1		
6- 1	6133.0	-67.8	0.0	-2912.1	0.6	35.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-278.5	0.0	0.0	278.5
12- 7	|si	|5	|Tz	-108.0	5.3	0.0	108.4	
6- 1	|si	|9	|Ty	-114.7	0.0	-7.0	115.3	
----- PROGR.							145.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1536.8	-10338.8	0.0	-1015.1	71.4	-3.8		
6- 1	6908.7	-81.4	0.0	-2912.1	0.6	29.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-323.0	0.0	0.0	323.0
12- 8	|si	|6	|Tz	10.5	5.4	0.0	14.1	
6- 1	|si	|9	|Ty	-114.7	0.0	-5.7	115.1	
----- PROGR.							169.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1388.4	-12061.9	0.0	-1015.1	71.4	-8.5		
6- 1	7534.3	-94.9	0.0	-2912.1	0.6	22.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-366.3	0.0	0.0	366.3
12- 8	|si	|6	|Tz	22.8	5.6	0.0	24.7	
6- 1	|si	|9	|Ty	-114.7	0.0	-4.5	115.0	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
12- 8	1124.3	-13785.1	0.0	-1015.1	71.4	-13.3		
8- 2	818.0	-112.0	0.0	-355.2	0.6	-20.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 8	|si	|1	|Sx	Si	-408.6	0.0	0.0	408.6
12- 8	|si	|6	|Tz	36.1	5.8	0.0	37.4	
8- 2	|si	|9	|Ty	-14.1	0.0	4.1	15.8	
----- PROGR.							193.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT					

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	4075.4 |	137.2 |	0.0 |	-1597.6 |	-1.9 |	47.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1 |	|si| 2|	Sx Si |	-104.7 |	0.0 |	0.0 |	104.7 |	
| 5- 1 |	|si| 6|	Tz |	-102.0 |	-2.0 |	0.0 |	102.0 |	
| 5- 1 |	|si| 9|	Ty |	-62.7 |	0.0 |	-9.3 |	64.7 |	
-----							96.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	5133.3 |	182.9 |	0.0 |	-1597.6 |	-1.9 |	40.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1 |	|si| 2|	Sx Si |	-115.8 |	0.0 |	0.0 |	115.8 |	
| 5- 1 |	|si| 6|	Tz |	-112.2 |	-1.8 |	0.0 |	112.2 |	
| 5- 1 |	|si| 9|	Ty |	-62.7 |	0.0 |	-8.0 |	64.2 |	
-----							121.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	6040.9 |	228.7 |	0.0 |	-1597.6 |	-1.9 |	34.5 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1 |	|si| 2|	Sx Si |	-125.5 |	0.0 |	0.0 |	125.5 |	
| 5- 1 |	|si| 6|	Tz |	-121.0 |	-1.5 |	0.0 |	121.0 |	
| 5- 1 |	|si| 9|	Ty |	-62.6 |	0.0 |	-6.8 |	63.7 |	
-----							145.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	6798.3 |	274.4 |	0.0 |	-1597.6 |	-1.9 |	28.3 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1 |	|si| 2|	Sx Si |	-133.8 |	0.0 |	0.0 |	133.8 |	
| 5- 1 |	|si| 6|	Tz |	-128.4 |	-1.3 |	0.0 |	128.4 |	
| 5- 1 |	|si| 9|	Ty |	-62.6 |	0.0 |	-5.6 |	63.3 |	
-----							169.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	7405.4 |	320.2 |	0.0 |	-1597.6 |	-1.9 |	22.1 |	
| 12- 1 |	1580.2 |	2263.3 |	0.0 |	-439.1 |	-13.4 |	-7.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1 |	|si| 2|	Sx Si |	-140.7 |	0.0 |	0.0 |	140.7 |	
| 12- 1 |	|si| 5|	Tz |	-17.9 |	-1.3 |	0.0 |	18.0 |	
| 5- 1 |	|si| 9|	Ty |	-62.5 |	0.0 |	-4.3 |	63.0 |	
-----							193.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1 |	7862.2 |	365.9 |	0.0 |	-1597.6 |	-1.9 |	15.8 |	
| 12- 1 |	1343.6 |	2586.6 |	0.0 |	-439.1 |	-13.4 |	-12.2 |	
| 7- 2 |	671.5 |	-81.0 |	0.0 |	-404.8 |	0.4 |	-21.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1 |	|si| 2|	Sx Si |	-146.1 |	0.0 |	0.0 |	146.1 |	
| 12- 1 |	|si| 5|	Tz |	-13.6 |	-1.5 |	0.0 |	13.9 |	
| 7- 2 |	|si| 9|	Ty |	-16.0 |	0.0 |	4.2 |	17.6 |	

VERIFICA STABILITA' :							
|L0 = 193. |							
Z |Lc = 193. |Ro = 4.89 |lm = 39.5 |Ncr= 338101.8 |alfa(b)=0.3400 |ki=0.9038 |							
Y |Lc = 193. |Ro = 3.01 |lm = 64.0 |Ncr= 128500.9 |alfa(c)=0.4900 |ki=0.7014 |							
Caso 5- 1 - Nodo 2 - Asse Y							
Ned = -1597.6 |Mzeq = 6152.3 |Myeq = 274.4 |Ss = -154.8 (0.059)							
P_HEA120_S011 (11) stato limite ultimo - ASTA (520- 550) 921							
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	0.0 |	0.0 |	0.0 |	-3127.7 |	-3.2 |	67.7 |	
| 5- 1 |	0.0 |	0.0 |	0.0 |	-2842.9 |	-3.2 |	68.3 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1 |	|si| 1|	Sx |	-123.1 |	0.0 |	0.0 |	123.1 |	
| 5- 1 |	|si| 6|	Tz |	-111.9 |	-2.9 |	0.0 |	112.0 |	
| 5- 1 |	|si| 9|	Ty |	-111.9 |	0.0 |	-13.5 |	114.3 |	
| 6- 1 |	|si| 9|	Si |	-123.1 |	0.0 |	-13.3 |	125.2 |	
-----							24.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	1557.6 |	76.2 |	0.0 |	-3127.7 |	-3.2 |	61.5 |	
| 5- 1 |	1572.4 |	76.6 |	0.0 |	-2842.9 |	-3.2 |	62.1 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1 |	|si| 2|	Sx Si |	-139.7 |	0.0 |	0.0 |	139.7 |	
| 5- 1 |	|si| 6|	Tz |	-127.1 |	-2.7 |	0.0 |	127.2 |	
| 5- 1 |	|si| 9|	Ty |	-111.8 |	0.0 |	-12.2 |	113.8 |	
-----							48.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1 |	2965.0 |	152.4 |	0.0 |	-3127.7 |	-3.2 |	55.2 |	
| 5- 1 |	2994.5 |	153.2 |	0.0 |	-2842.9 |	-3.2 |	55.8 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1 |	|si| 2|	Sx Si |	-154.9 |	0.0 |	0.0 |	154.9 |	
| 5- 1 |	|si| 6|	Tz |	-140.9 |	-2.4 |	0.0 |	141.0 |	
| 5- 1 |	|si| 9|	Ty |	-111.7 |	0.0 |	-11.0 |	113.3 |	
-----							72.
SOLLECITAZIONI :							

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1	4222.1	228.6	0.0	-3127.7	-3.2	49.0
5- 1	4266.3	229.8	0.0	-2842.9	-3.2	49.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-168.6	0.0	0.0	168.6
5- 1	|si	6	Tz		-153.3	-2.2	0.0	153.4
5- 1	|si	9	Ty		-111.6	0.0	-9.8	112.9

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	5329.0	304.8	0.0	-3127.7	-3.2	42.8
5- 1	5387.8	306.4	0.0	-2842.9	-3.2	43.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-181.0	0.0	0.0	181.0
5- 1	|si	6	Tz		-164.3	-2.0	0.0	164.4
5- 1	|si	9	Ty		-111.5	0.0	-8.6	112.5

----- PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	6285.5	380.9	0.0	-3127.7	-3.2	36.5
5- 1	6359.1	383.1	0.0	-2842.9	-3.2	37.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-191.9	0.0	0.0	191.9
5- 1	|si	6	Tz		-173.9	-1.7	0.0	174.0
5- 1	|si	9	Ty		-111.5	0.0	-7.3	112.2

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	7091.8	457.1	0.0	-3127.7	-3.2	30.3
5- 1	7180.1	459.7	0.0	-2842.9	-3.2	30.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-201.5	0.0	0.0	201.5
5- 1	|si	6	Tz		-182.1	-1.5	0.0	182.1
5- 1	|si	9	Ty		-111.4	0.0	-6.1	111.9

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	7747.9	533.3	0.0	-3127.7	-3.2	24.1
5- 1	7850.9	536.3	0.0	-2842.9	-3.2	24.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-209.6	0.0	0.0	209.6
5- 1	|si	6	Tz		-188.9	-1.2	0.0	188.9
5- 1	|si	9	Ty		-111.3	0.0	-4.9	111.6

----- PROGR. 193.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	8253.6	609.5	0.0	-3127.7	-3.2	17.8
5- 1	8371.4	612.9	0.0	-2842.9	-3.2	18.5
7- 2	398.7	-9.0	0.0	-1347.1	0.0	-22.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	2	|Sx	Si	-216.3	0.0	0.0	216.3
5- 1	|si	6	Tz		-194.3	-1.0	0.0	194.3
7- 2	|si	9	Ty		-53.0	0.0	4.5	53.6

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 4.89 |lm = 39.5 |Ncr= 338101.8 |alfa(b) = 0.3400 |ki = 0.9038 |
 Y |Lc = 193. |Ro = 3.01 |lm = 64.0 |Ncr= 128500.9 |alfa(c) = 0.4900 |ki = 0.7014 |
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -3127.7 |Mzeq = 6406.7 |Myeq = 457.1 |Ss = -248.3 (0.095)

P_HEA120_S011 (11) stato limite ultimo - ASTA (564- 567) 922
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	8548.4	-203.6	0.0	-2878.5	-1.1	-19.4
8- 2	770.0	-27.7	0.0	-1127.0	-0.1	20.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	1	|Sx	Si	-198.8	0.0	0.0	198.8
5- 1	|si	5	Tz		-194.7	-0.8	0.0	194.8
8- 2	|si	9	Ty		-44.4	0.0	-4.1	45.0

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	8005.8	-178.2	0.0	-2878.5	-1.1	-25.6
6- 1	8077.6	-111.7	0.0	-2647.7	-0.7	-26.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	1	|Sx	Si	-193.0	0.0	0.0	193.0
5- 1	|si	5	Tz		-189.5	-1.1	0.0	189.5
6- 1	|si	9	Ty		-104.3	0.0	5.1	104.7

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	7312.9	-152.7	0.0	-2878.5	-1.1	-31.8
6- 1	7374.5	-95.8	0.0	-2647.7	-0.7	-32.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	1	|Sx	Si	-185.8	0.0	0.0	185.8
5- 1	|si	5	Tz		-182.8	-1.3	0.0	182.9
6- 1	|si	9	Ty		-104.3	0.0	6.4	104.9

Copertura area carburante - Relazione di calcolo

-----										PROGR.	72.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	6469.8|	-127.3|	0.0|	-2878.5|	-1.1|	-38.1|					
| 6- 1|	6521.1|	-79.8|	0.0|	-2647.7|	-0.7|	-38.5|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si|	-177.3|	0.0|	0.0|	177.3|					
| 5- 1|	si| 5|	Tz	-174.8|	-1.6|	0.0|	174.8|					
| 6- 1|	si| 9|	Ty	-104.3|	0.0|	7.6|	105.1|					
-----										PROGR.	96.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	5476.4|	-101.8|	0.0|	-2878.5|	-1.1|	-44.3|					
| 6- 1|	5517.4|	-63.8|	0.0|	-2647.7|	-0.7|	-44.7|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si|	-167.3|	0.0|	0.0|	167.3|					
| 5- 1|	si| 5|	Tz	-165.3|	-1.8|	0.0|	165.3|					
| 6- 1|	si| 9|	Ty	-104.3|	0.0|	8.8|	105.4|					
-----										PROGR.	121.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	4332.7|	-76.4|	0.0|	-2878.5|	-1.1|	-50.5|					
| 6- 1|	4363.5|	-47.9|	0.0|	-2647.7|	-0.7|	-50.9|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si|	-155.9|	0.0|	0.0|	155.9|					
| 5- 1|	si| 5|	Tz	-154.4|	-2.1|	0.0|	154.4|					
| 6- 1|	si| 9|	Ty	-104.3|	0.0|	10.0|	105.7|					
-----										PROGR.	145.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	3038.7|	-50.9|	0.0|	-2878.5|	-1.1|	-56.7|					
| 6- 1|	3059.2|	-31.9|	0.0|	-2647.7|	-0.7|	-57.2|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si|	-143.1|	0.0|	0.0|	143.1|					
| 5- 1|	si| 5|	Tz	-142.1|	-2.3|	0.0|	142.2|					
| 6- 1|	si| 9|	Ty	-104.2|	0.0|	11.3|	106.0|					
-----										PROGR.	169.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	1594.5|	-25.5|	0.0|	-2878.5|	-1.1|	-63.0|					
| 6- 1|	1604.8|	-16.0|	0.0|	-2647.7|	-0.7|	-63.4|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si|	-128.9|	0.0|	0.0|	128.9|					
| 5- 1|	si| 5|	Tz	-128.4|	-2.6|	0.0|	128.5|					
| 6- 1|	si| 9|	Ty	-104.2|	0.0|	12.5|	106.4|					
-----										PROGR.	193.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	0.0|	0.0|	0.0|	-2878.5|	-1.1|	-69.2|					
| 6- 1|	0.0|	0.0|	0.0|	-2647.7|	-0.7|	-69.6|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si|	-113.3|	0.0|	0.0|	113.3|					
| 5- 1|	si| 5|	Tz	-113.3|	-2.8|	0.0|	113.4|					
| 6- 1|	si| 9|	Ty	-104.2|	0.0|	13.7|	106.9|					
| 5- 1|	si| 9|	Si|	-113.3|	0.0|	13.6|	115.7|					
-----										PROGR.	193.
VERIFICA STABILITA' :											
|L0 = 193.1											
Z |Lc = 193.1|Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|											
Y |Lc = 193.1|Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|											
Caso 5- 1 - Nodo 1 - Asse Y											
Ned = -2878.5|Mzeq = 6598.3|Myeq = -152.7|Ss = -228.0 (0.087)											
P_HEA120_S011 (11) stato limite ultimo - ASTA (565- 568)										923	
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	7691.4|	71.9|	0.0|	-2571.3|	0.4|	-14.9|					
| 12- 1|	866.7|	-751.4|	0.0|	-867.3|	-3.9|	14.7|					
| 8- 2|	776.9|	-10.2|	0.0|	-763.1|	-0.1|	20.9|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 2|Sx	Si|	-175.2|	0.0|	0.0|	175.2|					
| 12- 1|	si| 6|	Tz	-37.5|	-0.9|	0.0|	37.6|					
| 8- 2|	si| 9|	Ty	-30.0|	0.0|	-4.1|	30.9|					
-----										PROGR.	24.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	7255.9|	62.9|	0.0|	-2571.3|	0.4|	-21.2|					
| 6- 1|	7300.8|	141.4|	0.0|	-2189.3|	0.8|	-21.4|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 2|Sx	Si|	-170.9|	0.0|	0.0|	170.9|					
| 6- 1|	si| 6|	Tz	-155.5|	0.9|	0.0|	155.5|					
| 6- 1|	si| 9|	Ty	-86.0|	0.0|	4.2|	86.3|					
-----										PROGR.	48.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	6670.2|	53.9|	0.0|	-2571.3|	0.4|	-27.4|					
| 6- 1|	6708.7|	121.2|	0.0|	-2189.3|	0.8|	-27.7|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						

Copertura area carburante - Relazione di calcolo

| 5- 1|	|si| 2|	Sx	Si	-165.2|	0.0|	0.0|	165.2|
| 6- 1|	|si| 6|	Tz		-149.9|	1.2|	0.0|	149.9|
| 6- 1|	|si| 9|	Ty		-86.0|	0.0|	5.5|	86.5|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	5934.1|	44.9|	0.0|	-2571.3|	0.4|	-33.6|
| 6- 1|	5966.2|	101.0|	0.0|	-2189.3|	0.8|	-33.9|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|	Sx	Si	-158.0|	0.0|	0.0|	158.0|
| 6- 1|	|si| 6|	Tz		-142.8|	1.4|	0.0|	142.8|
| 6- 1|	|si| 9|	Ty		-86.0|	0.0|	6.7|	86.8|

PROGR.

96.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	5047.8|	35.9|	0.0|	-2571.3|	0.4|	-39.9|
| 6- 1|	5073.5|	80.8|	0.0|	-2189.3|	0.8|	-40.1|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|	Sx	Si	-149.5|	0.0|	0.0|	149.5|
| 6- 1|	|si| 6|	Tz		-134.3|	1.7|	0.0|	134.3|
| 6- 1|	|si| 9|	Ty		-86.1|	0.0|	7.9|	87.2|

PROGR.

121.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	4011.3|	27.0|	0.0|	-2571.3|	0.4|	-46.1|
| 6- 1|	4030.5|	60.6|	0.0|	-2189.3|	0.8|	-46.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|	Sx	Si	-139.5|	0.0|	0.0|	139.5|
| 6- 1|	|si| 6|	Tz		-124.3|	1.9|	0.0|	124.4|
| 6- 1|	|si| 9|	Ty		-86.1|	0.0|	9.1|	87.5|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	2824.5|	18.0|	0.0|	-2571.3|	0.4|	-52.3|
| 6- 1|	2837.3|	40.4|	0.0|	-2189.3|	0.8|	-52.6|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|	Sx	Si	-128.2|	0.0|	0.0|	128.2|
| 6- 1|	|si| 6|	Tz		-113.0|	2.1|	0.0|	113.1|
| 6- 1|	|si| 9|	Ty		-86.1|	0.0|	10.4|	88.0|

PROGR.

169.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	1487.4|	9.0|	0.0|	-2571.3|	0.4|	-58.5|
| 6- 1|	1493.8|	20.2|	0.0|	-2189.3|	0.8|	-58.8|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|	Sx	Si	-115.4|	0.0|	0.0|	115.4|
| 6- 1|	|si| 6|	Tz		-100.3|	2.4|	0.0|	100.4|
| 6- 1|	|si| 9|	Ty		-86.1|	0.0|	11.6|	88.4|

PROGR.

193.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	0.0|	0.0|	0.0|	-2571.3|	0.4|	-64.8|
| 6- 1|	0.0|	0.0|	0.0|	-2189.3|	0.8|	-65.0|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 1|	Sx		-101.2|	0.0|	0.0|	101.2|
| 6- 1|	|si| 6|	Tz		-86.2|	2.6|	0.0|	86.3|
| 6- 1|	|si| 9|	Ty		-86.2|	0.0|	12.8|	89.0|
| 5- 1|	|si| 9|	Si		-101.2|	0.0|	12.8|	103.6|

VERIFICA STABILITA` :

|L0 = 193. |
 Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|
 Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -2571.3|Meq = 6041.3|Myeq = 53.9|Ss = -202.8 (0.077)

P_HEA120_S011 (11) stato limite ultimo - ASTA (566- 569) 924
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	9068.5|	365.6|	0.0|	-2313.8|	1.9|	-22.1|
| 6- 1|	9032.3|	444.6|	0.0|	-2240.4|	2.3|	-21.9|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|	Sx	Si	-185.6|	0.0|	0.0|	185.6|
| 6- 1|	|si| 6|	Tz		-175.7|	1.0|	0.0|	175.7|
| 5- 1|	|si| 9|	Ty		-90.7|	0.0|	4.4|	91.0|

PROGR.

24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	8460.9|	319.9|	0.0|	-2313.8|	1.9|	-28.3|
| 6- 1|	8429.2|	389.0|	0.0|	-2240.4|	2.3|	-28.1|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|No|	massimi	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|	Sx	Si	-178.7|	0.0|	0.0|	178.7|
| 6- 1|	|si| 6|	Tz		-169.7|	1.3|	0.0|	169.7|
| 5- 1|	|si| 9|	Ty		-90.7|	0.0|	5.6|	91.2|

PROGR.

48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	7703.0|	274.2|	0.0|	-2313.8|	1.9|	-34.5|
| 6- 1|	7675.8|	333.4|	0.0|	-2240.4|	2.3|	-34.3|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si | -170.4|	0.0|	0.0|	170.4|		
| 6- 1|	|si| 6|	Tz	| -162.3|	1.5|	0.0|	162.3|		
| 5- 1|	|si| 9|	Ty	| -90.8|	0.0|	6.8|	91.5|		
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	6794.8|	228.5|	0.0|	-2313.8|	1.9|	-40.8|		
| 6- 1|	6772.2|	277.9|	0.0|	-2240.4|	2.3|	-40.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si | -160.7|	0.0|	0.0|	160.7|		
| 6- 1|	|si| 6|	Tz	| -153.4|	1.8|	0.0|	153.5|		
| 5- 1|	|si| 9|	Ty	| -90.8|	0.0|	8.0|	91.9|		
-----							PROGR.	96.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	5736.4|	182.8|	0.0|	-2313.8|	1.9|	-47.0|		
| 6- 1|	5718.3|	222.3|	0.0|	-2240.4|	2.3|	-46.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si | -149.6|	0.0|	0.0|	149.6|		
| 6- 1|	|si| 6|	Tz	| -143.2|	2.0|	0.0|	143.3|		
| 5- 1|	|si| 9|	Ty	| -90.9|	0.0|	9.3|	92.3|		
-----							PROGR.	121.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	4527.7|	137.1|	0.0|	-2313.8|	1.9|	-53.2|		
| 6- 1|	4514.1|	166.7|	0.0|	-2240.4|	2.3|	-53.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si | -137.1|	0.0|	0.0|	137.1|		
| 6- 1|	|si| 6|	Tz	| -131.6|	2.3|	0.0|	131.6|		
| 5- 1|	|si| 9|	Ty	| -90.9|	0.0|	10.5|	92.7|		
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	3168.7|	91.4|	0.0|	-2313.8|	1.9|	-59.4|		
| 6- 1|	3159.7|	111.1|	0.0|	-2240.4|	2.3|	-59.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si | -123.2|	0.0|	0.0|	123.2|		
| 6- 1|	|si| 6|	Tz	| -118.5|	2.5|	0.0|	118.6|		
| 5- 1|	|si| 9|	Ty	| -91.0|	0.0|	11.7|	93.2|		
-----							PROGR.	169.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	1659.5|	45.7|	0.0|	-2313.8|	1.9|	-65.7|		
| 6- 1|	1655.0|	55.6|	0.0|	-2240.4|	2.3|	-65.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si | -107.8|	0.0|	0.0|	107.8|		
| 6- 1|	|si| 6|	Tz	| -104.0|	2.8|	0.0|	104.2|		
| 5- 1|	|si| 9|	Ty	| -91.0|	0.0|	13.0|	93.7|		
-----							PROGR.	193.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-2313.8|	1.9|	-71.9|		
| 6- 1|	0.0|	0.0|	0.0|	-2240.4|	2.3|	-71.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si | -91.1|	0.0|	0.0|	91.1|		
| 6- 1|	|si| 6|	Tz	| -88.2|	3.0|	0.0|	88.3|		
| 5- 1|	|si| 9|	TySi	| -91.1|	0.0|	14.2|	94.3|		
-----							PROGR.	
VERIFICA STABILITA` :								
|L0 = 193. |								
Z |Lc = 193. |Ro = 4.89|lm = 39.5|Ncr= 338101.8|alfa(b)=0.3400|ki=0.9038|								
Y |Lc = 193. |Ro = 3.01|lm = 64.0|Ncr= 128500.9|alfa(c)=0.4900|ki=0.7014|								
Caso 5- 1 - Nodo 2 - Asse Y								
Ned = -2313.8|Mzeq = 6936.4|Myeq = 274.2|Ss = -202.6 (0.077)								
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (2- 3) 26								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	10198.3|	0.0|	9.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 1|	Sx	Si | 1061.1|	0.0|	0.0|	1061.1|		
-----							PROGR.	27.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	219.6|	0.0|	0.0|	10197.2|	0.0|	7.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 7|	Sx	Si | 1075.0|	0.0|	0.0|	1075.0|		
-----							PROGR.	53.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	10196.1|	0.0|	4.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 7|	Sx	Si | 1084.9|	0.0|	0.0|	1084.9|		
-----							PROGR.	80.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		

Copertura area carburante - Relazione di calcolo

| 6- 1|	470.6|	0.0|	0.0|	10195.1|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 1090.9|	0.0|	0.0|	1090.9|	

PROGR. 106.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	10194.0|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 1092.8|	0.0|	0.0|	1092.8|	

PROGR. 133.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	10192.9|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 1090.6|	0.0|	0.0|	1090.6|	

PROGR. 159.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	10191.8|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 1084.5|	0.0|	0.0|	1084.5|	

PROGR. 186.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	10190.8|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 1074.3|	0.0|	0.0|	1074.3|	

PROGR. 212.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	10189.7|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 1|Sx |	Si| 1060.2|	0.0|	0.0|	1060.2|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (4- 5)					27

PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	7709.8|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 1|Sx |	Si| 802.1|	0.0|	0.0|	802.1|	

PROGR. 27.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	7708.7|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 816.1|	0.0|	0.0|	816.1|	

PROGR. 53.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	7707.6|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 826.0|	0.0|	0.0|	826.0|	

PROGR. 80.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	7706.5|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 831.9|	0.0|	0.0|	831.9|	

PROGR. 106.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	7705.5|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 833.8|	0.0|	0.0|	833.8|	

PROGR. 133.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	7704.4|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 831.7|	0.0|	0.0|	831.7|	

PROGR. 159.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	7703.3|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 7|Sx |	Si| 825.6|	0.0|	0.0|	825.6|	

PROGR. 186.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	7702.2|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	| Sx |	| Tz |	| Ty |	| Si |	
6- 1	si 7 Sx	Si 815.4	0.0	0.0	815.4	

Copertura area carburante - Relazione di calcolo

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----- PROGR.      212.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0|      0.0|      0.0| 7701.1|      0.0|     -9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| 801.2|      0.0|      0.0| 801.2|

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VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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G_2L_50x5_d8 ( 15)      stato limite ultimo - ASTA ( 6- 7)      28
----- PROGR.      0.

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0|      0.0|      0.0| 5052.2|      0.0|      9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| 525.6|      0.0|      0.0| 525.6|
----- PROGR.      27.

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     219.6|      0.0|      0.0| 5051.1|      0.0|      7.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si| 539.6|      0.0|      0.0| 539.6|
----- PROGR.      53.

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     376.4|      0.0|      0.0| 5050.0|      0.0|      4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si| 549.5|      0.0|      0.0| 549.5|
----- PROGR.      80.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     470.6|      0.0|      0.0| 5048.9|      0.0|      2.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si| 555.4|      0.0|      0.0| 555.4|
----- PROGR.      106.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     501.9|      0.0|      0.0| 5047.9|      0.0|      0.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si| 557.3|      0.0|      0.0| 557.3|
----- PROGR.      133.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     470.6|      0.0|      0.0| 5046.8|      0.0|     -2.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si| 555.2|      0.0|      0.0| 555.2|
----- PROGR.      159.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     376.4|      0.0|      0.0| 5045.7|      0.0|     -4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si| 549.1|      0.0|      0.0| 549.1|
----- PROGR.      186.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     219.6|      0.0|      0.0| 5044.6|      0.0|     -7.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx  Si| 538.9|      0.0|      0.0| 538.9|
----- PROGR.      212.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0|      0.0|      0.0| 5043.5|      0.0|     -9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 5|Sx  Si| 524.7|      0.0|      0.0| 524.7|

```

VERIFICA STABILITA` :

```

|L0 = 212.1
Z |Lc = 212.1|Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212.1|Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Caso11- 7 - Nodo 1 - Asse Z
Ned = -795.6|Mzeq = 334.6|Myeq = 0.0|Ss = -333.9 ( 0.127)

```

```

G_2L_50x5_d8 ( 15)      stato limite ultimo - ASTA ( 8- 9)      29
----- PROGR.      0.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-10|      0.0|      0.0|      0.0| 3031.6|      0.0|      7.3|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-10|si| 1|Sx  Si| 315.4|      0.0|      0.0| 315.4|
----- PROGR.      27.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-10|     168.9|      0.0|      0.0| 3030.7|      0.0|      5.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-10|si| 7|Sx  Si| 326.1|      0.0|      0.0| 326.1|

```

Copertura area carburante - Relazione di calcolo

----- SOLLECITAZIONI : 53. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	289.6 |	0.0 |	0.0 |	3029.9 |	0.0 |	3.6 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 7|Sx |	Si |	333.8 |	0.0 |	0.0 |	333.8 |			
----- SOLLECITAZIONI : 80. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	362.0 |	0.0 |	0.0 |	3029.1 |	0.0 |	1.8 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 7|Sx |	Si |	338.3 |	0.0 |	0.0 |	338.3 |			
----- SOLLECITAZIONI : 106. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	386.1 |	0.0 |	0.0 |	3028.2 |	0.0 |	0.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 7|Sx |	Si |	339.8 |	0.0 |	0.0 |	339.8 |			
----- SOLLECITAZIONI : 133. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	362.0 |	0.0 |	0.0 |	3027.4 |	0.0 |	-1.8 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 7|Sx |	Si |	338.2 |	0.0 |	0.0 |	338.2 |			
----- SOLLECITAZIONI : 159. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	289.6 |	0.0 |	0.0 |	3026.6 |	0.0 |	-3.6 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 7|Sx |	Si |	333.4 |	0.0 |	0.0 |	333.4 |			
----- SOLLECITAZIONI : 186. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	168.9 |	0.0 |	0.0 |	3025.8 |	0.0 |	-5.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 7|Sx |	Si |	325.6 |	0.0 |	0.0 |	325.6 |			
----- SOLLECITAZIONI : 212. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	0.0 |	0.0 |	0.0 |	3024.9 |	0.0 |	-7.3 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 1|Sx |	Si |	314.7 |	0.0 |	0.0 |	314.7 |			
----- VERIFICA STABILITA` :									
|L0 = 212. |									
Z |	Lc = 212. |	Ro = 1.51 |	lm = 140.5 |	Ncr= 10085.1 |	alfa(b)=0.3400 |	ki=0.3019 |			
Y |	Lc = 212. |	Ro = 2.35 |	lm = 90.2 |	Ncr= 24462.0 |	alfa(b)=0.3400 |	ki=0.5722 |			
Casol1- 7 - Nodo 1 - Asse Z									
Ned =	-1510.3 |	Mzeq =	334.6 |	Myeq =	0.0 |	Ss =	-585.1 (0.223)		
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (9- 12) 30									
----- SOLLECITAZIONI : 0. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11- 7 |	0.0 |	0.0 |	0.0 |	2389.2 |	0.0 |	7.3 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11- 7 |	|si| 1|Sx |	Si |	248.6 |	0.0 |	0.0 |	248.6 |			
----- SOLLECITAZIONI : 27. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11- 7 |	168.9 |	0.0 |	0.0 |	2390.1 |	0.0 |	5.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11- 7 |	|si| 7|Sx |	Si |	259.5 |	0.0 |	0.0 |	259.5 |			
----- SOLLECITAZIONI : 53. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11- 7 |	289.6 |	0.0 |	0.0 |	2390.9 |	0.0 |	3.6 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11- 7 |	|si| 7|Sx |	Si |	267.3 |	0.0 |	0.0 |	267.3 |			
----- SOLLECITAZIONI : 80. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	362.0 |	0.0 |	0.0 |	-2107.6 |	0.0 |	1.8 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 1|Sx |	Si |	-278.8 |	0.0 |	0.0 |	278.8 |			
----- SOLLECITAZIONI : 106. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	386.1 |	0.0 |	0.0 |	-2106.8 |	0.0 |	0.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 11-10 |	|si| 1|Sx |	Si |	-282.6 |	0.0 |	0.0 |	282.6 |			
----- SOLLECITAZIONI : 133. PROGR.									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 11-10 |	362.0 |	0.0 |	0.0 |	-2105.9 |	0.0 |	-1.8 |			
TENSIONI (Sz= 0.00) :									

Copertura area carburante - Relazione di calcolo

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-10|si| 1|Sx | -278.6| 0.0| 0.0| 278.6|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 7| 289.6| 0.0| 0.0| 2394.2| 0.0| -3.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 7|si| 7|Sx | 267.6| 0.0| 0.0| 267.6|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 7| 168.9| 0.0| 0.0| 2395.0| 0.0| -5.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 7|si| 7|Sx | 260.0| 0.0| 0.0| 260.0|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11- 7| 0.0| 0.0| 0.0| 2395.9| 0.0| -7.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11- 7|si| 3|Sx | 249.3| 0.0| 0.0| 249.3|
-----
VERIFICA STABILITA` :
|L0 = 212. |
Z |Lc = 212. |Ro = 1.51|lm = 140.5|Ncr= 10085.1|alfa(b)=0.3400|ki=0.3019|
Y |Lc = 212. |Ro = 2.35|lm = 90.2|Ncr= 24462.0|alfa(b)=0.3400|ki=0.5722|
Caso11-10 - Nodo 1 - Asse Z
Ned = -2110.1|Mzeq = 334.6|Myeq = 0.0|Ss = -796.6 ( 0.304)
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 11- 14) 31
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 3926.3| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | 408.5| 0.0| 0.0| 408.5|
-----
PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 219.6| 0.0| 0.0| 3927.4| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | 422.7| 0.0| 0.0| 422.7|
-----
PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 376.4| 0.0| 0.0| 3928.5| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 7|Sx | 432.8| 0.0| 0.0| 432.8|
-----
PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 470.6| 0.0| 0.0| 3929.5| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | 439.0| 0.0| 0.0| 439.0|
-----
PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 501.9| 0.0| 0.0| 3930.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | 441.1| 0.0| 0.0| 441.1|
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 470.6| 0.0| 0.0| 3931.7| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | 439.2| 0.0| 0.0| 439.2|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 376.4| 0.0| 0.0| 3932.8| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | 433.3| 0.0| 0.0| 433.3|
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 219.6| 0.0| 0.0| 3933.8| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | 423.4| 0.0| 0.0| 423.4|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 3934.9| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si|12|Sx | 409.4| 0.0| 0.0| 409.4|
-----
VERIFICA STABILITA` :

```

Copertura area carburante - Relazione di calcolo

|L0 = 212. |
 Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa(b)=0.3400 |ki=0.3019 |
 Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa(b)=0.3400 |ki=0.5722 |
 Caso11-10 - Nodo 1 - Asse Z
 Ned = -1389.0 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -542.4 (0.207)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (13- 16) 32
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 0.0 | 0.0 | 0.0 | 6293.2 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 1 |Sx | Si | 654.8 | 0.0 | 0.0 | 654.8 |

----- PROGR. 27.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 219.6 | 0.0 | 0.0 | 6294.3 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 7 |Sx | Si | 668.9 | 0.0 | 0.0 | 668.9 |

----- PROGR. 53.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 376.4 | 0.0 | 0.0 | 6295.4 | 0.0 | 4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 7 |Sx | Si | 679.1 | 0.0 | 0.0 | 679.1 |

----- PROGR. 80.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 470.6 | 0.0 | 0.0 | 6296.4 | 0.0 | 2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 7 |Sx | Si | 685.2 | 0.0 | 0.0 | 685.2 |

----- PROGR. 106.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 501.9 | 0.0 | 0.0 | 6297.5 | 0.0 | 0.0 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 7 |Sx | Si | 687.4 | 0.0 | 0.0 | 687.4 |

----- PROGR. 133.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 470.6 | 0.0 | 0.0 | 6298.6 | 0.0 | -2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 7 |Sx | Si | 685.5 | 0.0 | 0.0 | 685.5 |

----- PROGR. 159.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 376.4 | 0.0 | 0.0 | 6299.7 | 0.0 | -4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 7 |Sx | Si | 679.5 | 0.0 | 0.0 | 679.5 |

----- PROGR. 186.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 219.6 | 0.0 | 0.0 | 6300.8 | 0.0 | -7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 12 |Sx | Si | 669.6 | 0.0 | 0.0 | 669.6 |

----- PROGR. 212.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 7- 1 | 0.0 | 0.0 | 0.0 | 6301.8 | 0.0 | -9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 7- 1 |si| 12 |Sx | Si | 655.7 | 0.0 | 0.0 | 655.7 |

VERIFICA STABILITA` :

|L0 = 212. |
 Z |Lc = 212. |Ro = 1.51 |lm = 140.5 |Ncr= 10085.1 |alfa(b)=0.3400 |ki=0.3019 |
 Y |Lc = 212. |Ro = 2.35 |lm = 90.2 |Ncr= 24462.0 |alfa(b)=0.3400 |ki=0.5722 |
 Caso11-10 - Nodo 1 - Asse Z
 Ned = -518.1 |Mzeq = 334.6 |Myeq = 0.0 |Ss = -236.5 (0.090)

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (15- 18) 33
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 8913.0 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 1 |Sx | Si | 927.3 | 0.0 | 0.0 | 927.3 |

----- PROGR. 27.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 8914.0 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 7 |Sx | Si | 941.5 | 0.0 | 0.0 | 941.5 |

----- PROGR. 53.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 8915.1 | 0.0 | 4.7 |

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 7|Sx |	Si| 951.7|	0.0|	0.0|	951.7|			
-----							PROGR.	80.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	470.6|	0.0|	0.0|	8916.2|	0.0|		2.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 7|Sx |	Si| 957.8|	0.0|	0.0|	957.8|			
-----							PROGR.	106.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	501.9|	0.0|	0.0|	8917.3|	0.0|		0.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 7|Sx |	Si| 959.9|	0.0|	0.0|	959.9|			
-----							PROGR.	133.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	470.6|	0.0|	0.0|	8918.4|	0.0|		-2.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 7|Sx |	Si| 958.0|	0.0|	0.0|	958.0|			
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	376.4|	0.0|	0.0|	8919.4|	0.0|		-4.7|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 7|Sx |	Si| 952.1|	0.0|	0.0|	952.1|			
-----							PROGR.	186.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	219.6|	0.0|	0.0|	8920.5|	0.0|		-7.1|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 7|Sx |	Si| 942.2|	0.0|	0.0|	942.2|			
-----							PROGR.	212.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	8921.6|	0.0|		-9.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|	|si| 5|Sx |	Si| 928.2|	0.0|	0.0|	928.2|			

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
G_2L_50x5_d8 (15) stato limite ultimo - ASTA (522- 547) 877								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	12444.1|	0.0|		9.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 1|Sx |	Si| 1294.7|	0.0|	0.0|	1294.7|			
-----							PROGR.	27.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	219.6|	0.0|	0.0|	12443.0|	0.0|		7.1|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 7|Sx |	Si| 1308.7|	0.0|	0.0|	1308.7|			
-----							PROGR.	53.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	12441.9|	0.0|		4.7|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 7|Sx |	Si| 1318.6|	0.0|	0.0|	1318.6|			
-----							PROGR.	80.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	470.6|	0.0|	0.0|	12440.8|	0.0|		2.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 7|Sx |	Si| 1324.5|	0.0|	0.0|	1324.5|			
-----							PROGR.	106.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	501.9|	0.0|	0.0|	12439.7|	0.0|		0.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 7|Sx |	Si| 1326.4|	0.0|	0.0|	1326.4|			
-----							PROGR.	133.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	470.6|	0.0|	0.0|	12438.7|	0.0|		-2.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 7|Sx |	Si| 1324.3|	0.0|	0.0|	1324.3|			
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	376.4|	0.0|	0.0|	12437.6|	0.0|		-4.7|	
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 7|Sx |	Si| 1318.1|	0.0|	0.0|	1318.1|			
-----							PROGR.	186.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 219.6 | 0.0 | 0.0 | 12436.5 | 0.0 | -7.1 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1308.0 | 0.0 | 0.0 | 1308.0 |
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 0.0 | 0.0 | 0.0 | 12435.4 | 0.0 | -9.5 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 1293.8 | 0.0 | 0.0 | 1293.8 |

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (523- 549) 878
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 0.0 | 0.0 | 0.0 | 12325.1 | 0.0 | 9.5 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 1282.3 | 0.0 | 0.0 | 1282.3 |
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 219.6 | 0.0 | 0.0 | 12324.0 | 0.0 | 7.1 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1296.3 | 0.0 | 0.0 | 1296.3 |
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 376.4 | 0.0 | 0.0 | 12322.9 | 0.0 | 4.7 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1306.2 | 0.0 | 0.0 | 1306.2 |
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 470.6 | 0.0 | 0.0 | 12321.8 | 0.0 | 2.4 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1312.1 | 0.0 | 0.0 | 1312.1 |
 ----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 501.9 | 0.0 | 0.0 | 12320.7 | 0.0 | 0.0 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1314.0 | 0.0 | 0.0 | 1314.0 |
 ----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 470.6 | 0.0 | 0.0 | 12319.7 | 0.0 | -2.4 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1311.9 | 0.0 | 0.0 | 1311.9 |
 ----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 376.4 | 0.0 | 0.0 | 12318.6 | 0.0 | -4.7 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1305.8 | 0.0 | 0.0 | 1305.8 |
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 219.6 | 0.0 | 0.0 | 12317.5 | 0.0 | -7.1 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1295.6 | 0.0 | 0.0 | 1295.6 |
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 0.0 | 0.0 | 0.0 | 12316.4 | 0.0 | -9.5 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 1281.4 | 0.0 | 0.0 | 1281.4 |

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (524- 551) 879
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 0.0 | 0.0 | 0.0 | 12411.9 | 0.0 | 9.5 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx | Si | 1291.4 | 0.0 | 0.0 | 1291.4 |
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 219.6 | 0.0 | 0.0 | 12410.8 | 0.0 | 7.1 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx | Si | 1305.3 | 0.0 | 0.0 | 1305.3 |

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx Si| 766.7| 0.0| 0.0| 766.7|
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 219.6| 0.0| 0.0| 7136.0| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 7|Sx Si| 756.5| 0.0| 0.0| 756.5|
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 7134.9| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx Si| 742.3| 0.0| 0.0| 742.3|

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (526- 553) 884
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 7267.6| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx Si| 756.1| 0.0| 0.0| 756.1|
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 7266.5| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 770.1| 0.0| 0.0| 770.1|
 ----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 7265.4| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 780.0| 0.0| 0.0| 780.0|
 ----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 470.6| 0.0| 0.0| 7264.3| 0.0| 2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 785.9| 0.0| 0.0| 785.9|
 ----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 501.9| 0.0| 0.0| 7263.2| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 787.8| 0.0| 0.0| 787.8|
 ----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 470.6| 0.0| 0.0| 7262.2| 0.0| -2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 785.7| 0.0| 0.0| 785.7|
 ----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 7261.1| 0.0| -4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 779.6| 0.0| 0.0| 779.6|
 ----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 7260.0| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 7|Sx Si| 769.4| 0.0| 0.0| 769.4|
 ----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 7258.9| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si| 1|Sx Si| 755.2| 0.0| 0.0| 755.2|

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (527- 554) 885
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 0.0| 0.0| 0.0| 6968.3| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 1|Sx Si| 725.0| 0.0| 0.0| 725.0|
 ----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 6- 1|	219.6|	0.0|	0.0|	6967.2|	0.0|	7.1|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	738.9|	0.0|	0.0|	738.9|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	6966.1|	0.0|	4.7|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	748.9|	0.0|	0.0|	748.9|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	6965.0|	0.0|	2.4|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	754.8|	0.0|	0.0|	754.8|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	6964.0|	0.0|	0.0|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	756.7|	0.0|	0.0|	756.7|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	6962.9|	0.0|	-2.4|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	754.6|	0.0|	0.0|	754.6|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	6961.8|	0.0|	-4.7|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	748.4|	0.0|	0.0|	748.4|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	6960.7|	0.0|	-7.1|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	738.3|	0.0|	0.0|	738.3|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	6959.6|	0.0|	-9.5|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 1|Sx |	Si |	724.1|	0.0|	0.0|	724.1|

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (528- 555)	889				

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	2333.6|	0.0|	9.5|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 1|Sx |	Si |	242.8|	0.0|	0.0|	242.8|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	2332.6|	0.0|	7.1|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	256.7|	0.0|	0.0|	256.7|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	2331.5|	0.0|	4.7|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	266.7|	0.0|	0.0|	266.7|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	2330.4|	0.0|	2.4|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	272.6|	0.0|	0.0|	272.6|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	2329.3|	0.0|	0.0|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	si | 7|Sx |	Si |	274.5|	0.0|	0.0|	274.5|

SOLLECITAZIONI	:					
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	2328.2|	0.0|	-2.4|
TENSIONI (Sz=	0.00) :					
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
6- 1	si 7 Sx	Si	272.4	0.0	0.0	272.4

Copertura area carburante - Relazione di calcolo

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----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 376.4| 0.0| 0.0| 2327.2| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si| 266.2| 0.0| 0.0| 266.2|
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 219.6| 0.0| 0.0| 2326.1| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 7|Sx | Si| 256.1| 0.0| 0.0| 256.1|
----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 2325.0| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | Si| 241.9| 0.0| 0.0| 241.9|

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VERIFICA STABILITA` :asta tesa per tutti i casi di carico.
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 529- 556) 890
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 2613.5| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si| 271.9| 0.0| 0.0| 271.9|
----- PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 2612.4| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si| 285.9| 0.0| 0.0| 285.9|
----- PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 2611.3| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si| 295.8| 0.0| 0.0| 295.8|
----- PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 2610.2| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si| 301.7| 0.0| 0.0| 301.7|
----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 501.9| 0.0| 0.0| 2609.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si| 303.6| 0.0| 0.0| 303.6|
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 2608.1| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si| 301.5| 0.0| 0.0| 301.5|
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 2607.0| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si| 295.3| 0.0| 0.0| 295.3|
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 2605.9| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 7|Sx | Si| 285.2| 0.0| 0.0| 285.2|
----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 2604.8| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si| 271.0| 0.0| 0.0| 271.0|

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VERIFICA STABILITA` :asta tesa per tutti i casi di carico.
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 530- 557) 891
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 2015.9| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 375.6 | 0.0 | 0.0 | 375.6 |
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 470.6 | 0.0 | 0.0 | 3302.4 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 373.7 | 0.0 | 0.0 | 373.7 |
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 376.4 | 0.0 | 0.0 | 3303.5 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 367.8 | 0.0 | 0.0 | 367.8 |
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 219.6 | 0.0 | 0.0 | 3304.6 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 357.9 | 0.0 | 0.0 | 357.9 |
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | 3305.7 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx | Si | 343.9 | 0.0 | 0.0 | 343.9 |
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-----
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 556- 535) 896
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 2880.9 | 0.0 | 9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|1|Sx | Si | 299.7 | 0.0 | 0.0 | 299.7 |
-----
PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 2882.0 | 0.0 | 7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|7|Sx | Si | 313.9 | 0.0 | 0.0 | 313.9 |
-----
PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 2883.1 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|7|Sx | Si | 324.1 | 0.0 | 0.0 | 324.1 |
-----
PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 2884.2 | 0.0 | 2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx | Si | 330.2 | 0.0 | 0.0 | 330.2 |
-----
PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 501.9 | 0.0 | 0.0 | 2885.3 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx | Si | 332.3 | 0.0 | 0.0 | 332.3 |
-----
PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 470.6 | 0.0 | 0.0 | 2886.3 | 0.0 | -2.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx | Si | 330.4 | 0.0 | 0.0 | 330.4 |
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 376.4 | 0.0 | 0.0 | 2887.4 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx | Si | 324.5 | 0.0 | 0.0 | 324.5 |
-----
PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 219.6 | 0.0 | 0.0 | 2888.5 | 0.0 | -7.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx | Si | 314.6 | 0.0 | 0.0 | 314.6 |
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 2889.6 | 0.0 | -9.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx | Si | 300.6 | 0.0 | 0.0 | 300.6 |
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Copertura area carburante - Relazione di calcolo

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (557- 536) 897

 PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 3701.8 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |1 |Sx | Si | 385.1 | 0.0 | 0.0 | 385.1 |

 PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 3702.9 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |7 |Sx | Si | 399.3 | 0.0 | 0.0 | 399.3 |

 PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 3703.9 | 0.0 | 4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |7 |Sx | Si | 409.5 | 0.0 | 0.0 | 409.5 |

 PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 3705.0 | 0.0 | 2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |12 |Sx | Si | 415.6 | 0.0 | 0.0 | 415.6 |

 PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 501.9 | 0.0 | 0.0 | 3706.1 | 0.0 | 0.0 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |12 |Sx | Si | 417.7 | 0.0 | 0.0 | 417.7 |

 PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 3707.2 | 0.0 | -2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |12 |Sx | Si | 415.8 | 0.0 | 0.0 | 415.8 |

 PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 3708.3 | 0.0 | -4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |12 |Sx | Si | 409.9 | 0.0 | 0.0 | 409.9 |

 PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 3709.3 | 0.0 | -7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |12 |Sx | Si | 400.0 | 0.0 | 0.0 | 400.0 |

 PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 3710.4 | 0.0 | -9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |12 |Sx | Si | 386.0 | 0.0 | 0.0 | 386.0 |

 PROGR. 240.

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) stato limite ultimo - ASTA (558- 537) 901

 PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 0.0 | 0.0 | 0.0 | 8011.4 | 0.0 | 9.5 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |1 |Sx | Si | 833.5 | 0.0 | 0.0 | 833.5 |

 PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 219.6 | 0.0 | 0.0 | 8012.5 | 0.0 | 7.1 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |7 |Sx | Si | 847.7 | 0.0 | 0.0 | 847.7 |

 PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 376.4 | 0.0 | 0.0 | 8013.6 | 0.0 | 4.7 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |7 |Sx | Si | 857.9 | 0.0 | 0.0 | 857.9 |

 PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 470.6 | 0.0 | 0.0 | 8014.7 | 0.0 | 2.4 |
 TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si |7 |Sx | Si | 864.0 | 0.0 | 0.0 | 864.0 |

 PROGR. 107.

Copertura area carburante - Relazione di calcolo

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----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 501.9| 0.0| 0.0| 8015.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|7|Sx Si| 866.1| 0.0| 0.0| 866.1|
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 470.6| 0.0| 0.0| 8016.8| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx Si| 864.2| 0.0| 0.0| 864.2|
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 376.4| 0.0| 0.0| 8017.9| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx Si| 858.3| 0.0| 0.0| 858.3|
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 219.6| 0.0| 0.0| 8019.0| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx Si| 848.4| 0.0| 0.0| 848.4|
----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 8020.0| 0.0| -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|12|Sx Si| 834.4| 0.0| 0.0| 834.4|

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VERIFICA STABILITA` : asta tesa per tutti i casi di carico.
G_2L_50x5_d8 ( 15) stato limite ultimo - ASTA ( 559- 538) 902
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 7572.7| 0.0| 9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|1|Sx Si| 787.9| 0.0| 0.0| 787.9|
----- PROGR. 27.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 219.6| 0.0| 0.0| 7573.8| 0.0| 7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|7|Sx Si| 802.1| 0.0| 0.0| 802.1|
----- PROGR. 53.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 376.4| 0.0| 0.0| 7574.9| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|7|Sx Si| 812.2| 0.0| 0.0| 812.2|
----- PROGR. 80.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 470.6| 0.0| 0.0| 7576.0| 0.0| 2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|7|Sx Si| 818.4| 0.0| 0.0| 818.4|
----- PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 501.9| 0.0| 0.0| 7577.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|7|Sx Si| 820.5| 0.0| 0.0| 820.5|
----- PROGR. 133.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 470.6| 0.0| 0.0| 7578.1| 0.0| -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx Si| 818.6| 0.0| 0.0| 818.6|
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 376.4| 0.0| 0.0| 7579.2| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx Si| 812.7| 0.0| 0.0| 812.7|
----- PROGR. 186.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 219.6| 0.0| 0.0| 7580.3| 0.0| -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|12|Sx Si| 802.7| 0.0| 0.0| 802.7|
----- PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 7581.3| 0.0| -9.5|

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Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si|12|Sx | Si | 788.8| 0.0| 0.0| 788.8|

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) ----- stato limite ultimo - ASTA (560- 539) 903
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 8668.6| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|1|Sx | Si | 901.9| 0.0| 0.0| 901.9|

----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 8669.6| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|7|Sx | Si | 916.1| 0.0| 0.0| 916.1|

----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 8670.7| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|7|Sx | Si | 926.2| 0.0| 0.0| 926.2|

----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 470.6| 0.0| 0.0| 8671.8| 0.0| 2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|7|Sx | Si | 932.4| 0.0| 0.0| 932.4|

----- PROGR. 106.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 501.9| 0.0| 0.0| 8672.9| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|7|Sx | Si | 934.5| 0.0| 0.0| 934.5|

----- PROGR. 133.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 470.6| 0.0| 0.0| 8674.0| 0.0| -2.4|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|7|Sx | Si | 932.6| 0.0| 0.0| 932.6|

----- PROGR. 159.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 8675.0| 0.0| -4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|7|Sx | Si | 926.7| 0.0| 0.0| 926.7|

----- PROGR. 186.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 8676.1| 0.0| -7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|12|Sx | Si | 916.7| 0.0| 0.0| 916.7|

----- PROGR. 212.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 8677.2| 0.0| -9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|12|Sx | Si | 902.8| 0.0| 0.0| 902.8|

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15) ----- stato limite ultimo - ASTA (561- 540) 907
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 0.0| 0.0| 0.0| 13413.4| 0.0| 9.5|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|1|Sx | Si | 1395.6| 0.0| 0.0| 1395.6|

----- PROGR. 27.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 219.6| 0.0| 0.0| 13414.5| 0.0| 7.1|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|7|Sx | Si | 1409.7| 0.0| 0.0| 1409.7|

----- PROGR. 53.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1| 376.4| 0.0| 0.0| 13415.5| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1|si|7|Sx | Si | 1419.9| 0.0| 0.0| 1419.9|

----- PROGR. 80.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 5- 1|	470.6|	0.0|	0.0|	13416.6|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 7|	Sx |	Si |	1426.0|	0.0|	0.0|
-----						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	501.9|	0.0|	0.0|	13417.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 7|	Sx |	Si |	1428.2|	0.0|	0.0|
-----						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	470.6|	0.0|	0.0|	13418.8|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 7|	Sx |	Si |	1426.3|	0.0|	0.0|
-----						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	376.4|	0.0|	0.0|	13419.8|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 7|	Sx |	Si |	1420.3|	0.0|	0.0|
-----						186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	219.6|	0.0|	0.0|	13420.9|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 7|	Sx |	Si |	1410.4|	0.0|	0.0|
-----						212.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	13422.0|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 3|	Sx |	Si |	1396.5|	0.0|	0.0|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (562- 541)					908
-----						0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	12686.2|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 1|	Sx |	Si |	1319.9|	0.0|	0.0|
-----						27.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	12687.3|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1334.1|	0.0|	0.0|
-----						53.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	12688.4|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1344.2|	0.0|	0.0|
-----						80.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	12689.5|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1350.4|	0.0|	0.0|
-----						106.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	12690.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1352.5|	0.0|	0.0|
-----						133.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	12691.6|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1350.6|	0.0|	0.0|
-----						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	12692.7|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1344.7|	0.0|	0.0|
-----						186.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	12693.8|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 7|	Sx |	Si |	1334.8|	0.0|	0.0|

Copertura area carburante - Relazione di calcolo

```

----- PROGR.      212.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0|      0.0|      0.0| 12694.9|      0.0|     -9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx |      Si | 1320.8|      0.0|      0.0| 1320.8|
----- PROGR.

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

G_2L_50x5_d8 ( 15)      stato limite ultimo - ASTA ( 563- 542)  909
----- PROGR.      0.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14169.6|      0.0|      9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      Si | 1474.2|      0.0|      0.0| 1474.2|
----- PROGR.      27.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14170.6|      0.0|      7.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 7|Sx |      Si | 1488.4|      0.0|      0.0| 1488.4|
----- PROGR.      53.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14171.7|      0.0|      4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 7|Sx |      Si | 1498.6|      0.0|      0.0| 1498.6|
----- PROGR.      80.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14172.8|      0.0|      2.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 7|Sx |      Si | 1504.7|      0.0|      0.0| 1504.7|
----- PROGR.      106.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14173.9|      0.0|      0.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 7|Sx |      Si | 1506.8|      0.0|      0.0| 1506.8|
----- PROGR.      133.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14175.0|      0.0|     -2.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 7|Sx |      Si | 1504.9|      0.0|      0.0| 1504.9|
----- PROGR.      159.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14176.0|      0.0|     -4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 7|Sx |      Si | 1499.0|      0.0|      0.0| 1499.0|
----- PROGR.      186.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14177.1|      0.0|     -7.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 7|Sx |      Si | 1489.1|      0.0|      0.0| 1489.1|
----- PROGR.      212.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| 14178.2|      0.0|     -9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx |      Si | 1475.1|      0.0|      0.0| 1475.1|
----- PROGR.

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

G_2L_50x5_d8 ( 15)      stato limite ultimo - ASTA ( 517- 546)  913
----- PROGR.      0.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0|      0.0|      0.0| 17468.9|      0.0|      9.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      Si | 1817.5|      0.0|      0.0| 1817.5|
----- PROGR.      27.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0|      0.0|      0.0| 17467.8|      0.0|      7.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx |      Si | 1831.5|      0.0|      0.0| 1831.5|
----- PROGR.      53.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0|      0.0|      0.0| 17466.7|      0.0|      4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |

```

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 7|Sx	Si	1841.4|	0.0|	0.0|	1841.4|	80.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	17465.7|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1847.3|	0.0|	0.0|	1847.3|	106.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	17464.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1849.2|	0.0|	0.0|	1849.2|	133.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	17463.5|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1847.1|	0.0|	0.0|	1847.1|	159.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	17462.4|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1840.9|	0.0|	0.0|	1840.9|	186.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	17461.4|	0.0|	-7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1830.8|	0.0|	0.0|	1830.8|	212.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	17460.3|	0.0|	-9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx	Si	1816.6|	0.0|	0.0|	1816.6|	
----- PROGR.						
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (519- 548)					914
----- PROGR.						0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	16937.4|	0.0|	9.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx	Si	1762.2|	0.0|	0.0|	1762.2|	27.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	219.6|	0.0|	0.0|	16936.3|	0.0|	7.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1776.2|	0.0|	0.0|	1776.2|	53.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	16935.2|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1786.1|	0.0|	0.0|	1786.1|	80.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	16934.2|	0.0|	2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1792.0|	0.0|	0.0|	1792.0|	106.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	501.9|	0.0|	0.0|	16933.1|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1793.9|	0.0|	0.0|	1793.9|	133.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	470.6|	0.0|	0.0|	16932.0|	0.0|	-2.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1791.8|	0.0|	0.0|	1791.8|	159.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	376.4|	0.0|	0.0|	16930.9|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 7|Sx	Si	1785.6|	0.0|	0.0|	1785.6|	186.
----- PROGR.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |

Copertura area carburante - Relazione di calcolo

```

| 6- 1|      219.6|      0.0|      0.0| 16929.8|      0.0|      -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1775.5|      0.0|      0.0| 1775.5|
-----
PROGR.      212.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| 16928.8|      0.0|      -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx      Si| 1761.3|      0.0|      0.0| 1761.3|
-----
PROGR.

```

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

```

G_2L_50x5_d8 ( 15)      stato limite ultimo - ASTA ( 521- 550)      915
-----
PROGR.      0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| 17619.0|      0.0|      9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx      Si| 1833.1|      0.0|      0.0| 1833.1|
-----
PROGR.      27.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      219.6|      0.0|      0.0| 17617.9|      0.0|      7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1847.1|      0.0|      0.0| 1847.1|
-----
PROGR.      53.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      376.4|      0.0|      0.0| 17616.8|      0.0|      4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1857.0|      0.0|      0.0| 1857.0|
-----
PROGR.      80.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      470.6|      0.0|      0.0| 17615.7|      0.0|      2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1862.9|      0.0|      0.0| 1862.9|
-----
PROGR.      106.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      501.9|      0.0|      0.0| 17614.6|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1864.8|      0.0|      0.0| 1864.8|
-----
PROGR.      133.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      470.6|      0.0|      0.0| 17613.6|      0.0|      -2.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1862.7|      0.0|      0.0| 1862.7|
-----
PROGR.      159.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      376.4|      0.0|      0.0| 17612.5|      0.0|      -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1856.6|      0.0|      0.0| 1856.6|
-----
PROGR.      186.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      219.6|      0.0|      0.0| 17611.4|      0.0|      -7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 7|Sx      Si| 1846.4|      0.0|      0.0| 1846.4|
-----
PROGR.      212.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| 17610.3|      0.0|      -9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx      Si| 1832.2|      0.0|      0.0| 1832.2|
-----
PROGR.

```

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

```

G_2L_50x5_d8 ( 15)      stato limite ultimo - ASTA ( 564- 543)      916
-----
PROGR.      0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| 18383.2|      0.0|      9.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx      Si| 1912.6|      0.0|      0.0| 1912.6|
-----
PROGR.      27.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      219.6|      0.0|      0.0| 18384.3|      0.0|      7.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 7|Sx      Si| 1926.8|      0.0|      0.0| 1926.8|
-----
PROGR.      53.

```

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	376.4 |	0.0 |	0.0 |	18385.4 |	0.0 |	4.7 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1937.0 |	0.0 |	0.0 |	1937.0 |	
-----						PROGR.
						80.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	470.6 |	0.0 |	0.0 |	18386.5 |	0.0 |	2.4 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1943.1 |	0.0 |	0.0 |	1943.1 |	
-----						PROGR.
						106.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	501.9 |	0.0 |	0.0 |	18387.5 |	0.0 |	0.0 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1945.2 |	0.0 |	0.0 |	1945.2 |	
-----						PROGR.
						133.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	470.6 |	0.0 |	0.0 |	18388.6 |	0.0 |	-2.4 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1943.3 |	0.0 |	0.0 |	1943.3 |	
-----						PROGR.
						159.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	376.4 |	0.0 |	0.0 |	18389.7 |	0.0 |	-4.7 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1937.4 |	0.0 |	0.0 |	1937.4 |	
-----						PROGR.
						186.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	219.6 |	0.0 |	0.0 |	18390.8 |	0.0 |	-7.1 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1927.5 |	0.0 |	0.0 |	1927.5 |	
-----						PROGR.
						212.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	0.0 |	0.0 |	0.0 |	18391.9 |	0.0 |	-9.5 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 6 |Sx	Si	1913.5 |	0.0 |	0.0 |	1913.5 |	
-----						PROGR.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.						
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (565- 544)					917
-----						0.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	0.0 |	0.0 |	0.0 |	17355.5 |	0.0 |	9.5 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 1 |Sx	Si	1805.7 |	0.0 |	0.0 |	1805.7 |	
-----						PROGR.
						27.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	219.6 |	0.0 |	0.0 |	17356.6 |	0.0 |	7.1 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1819.9 |	0.0 |	0.0 |	1819.9 |	
-----						PROGR.
						53.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	376.4 |	0.0 |	0.0 |	17357.6 |	0.0 |	4.7 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1830.0 |	0.0 |	0.0 |	1830.0 |	
-----						PROGR.
						80.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	470.6 |	0.0 |	0.0 |	17358.7 |	0.0 |	2.4 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1836.2 |	0.0 |	0.0 |	1836.2 |	
-----						PROGR.
						106.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	501.9 |	0.0 |	0.0 |	17359.8 |	0.0 |	0.0 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1838.3 |	0.0 |	0.0 |	1838.3 |	
-----						PROGR.
						133.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	470.6 |	0.0 |	0.0 |	17360.9 |	0.0 |	-2.4 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si	1836.4 |	0.0 |	0.0 |	1836.4 |	
-----						PROGR.
						159.
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	376.4 |	0.0 |	0.0 |	17362.0 |	0.0 |	-4.7 |
TENSIONI (Sz=	0.00) :					
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1 |si | 7 |Sx	Si					

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 7|Sx	Si	1830.5|	0.0|	0.0|	1830.5|				
----- PROGR. 186.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	219.6|	0.0|	0.0|	17363.0|	0.0|	-7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	1820.6|	0.0|	0.0|	1820.6|				
----- PROGR. 212.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	0.0|	0.0|	0.0|	17364.1|	0.0|	-9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 6|Sx	Si	1806.6|	0.0|	0.0|	1806.6|				

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
G_2L_50x5_d8 (15)	stato limite ultimo - ASTA (566- 545)				918				
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	0.0|	0.0|	0.0|	19220.3|	0.0|	9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 1|Sx	Si	1999.7|	0.0|	0.0|	1999.7|				
----- PROGR. 27.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	219.6|	0.0|	0.0|	19221.4|	0.0|	7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2013.9|	0.0|	0.0|	2013.9|				
----- PROGR. 53.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	376.4|	0.0|	0.0|	19222.4|	0.0|	4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2024.1|	0.0|	0.0|	2024.1|				
----- PROGR. 80.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	470.6|	0.0|	0.0|	19223.5|	0.0|	2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2030.2|	0.0|	0.0|	2030.2|				
----- PROGR. 106.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	501.9|	0.0|	0.0|	19224.6|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2032.3|	0.0|	0.0|	2032.3|				
----- PROGR. 133.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	470.6|	0.0|	0.0|	19225.7|	0.0|	-2.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2030.4|	0.0|	0.0|	2030.4|				
----- PROGR. 159.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	376.4|	0.0|	0.0|	19226.7|	0.0|	-4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2024.5|	0.0|	0.0|	2024.5|				
----- PROGR. 186.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	219.6|	0.0|	0.0|	19227.8|	0.0|	-7.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 7|Sx	Si	2014.6|	0.0|	0.0|	2014.6|				
----- PROGR. 212.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	0.0|	0.0|	0.0|	19228.9|	0.0|	-9.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 6|Sx	Si	2000.6|	0.0|	0.0|	2000.6|				

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									

11.4 Verifica reticolari longitudinali

VERIFICA ELEMENTI IN ACCIAIO
lavoro : MUSST4

Unità di misura:
Lunghezze: cm
Prop.Sez.: cm
Forze: daN
Momenti: daNcm
Tensioni: daN/cm2

Copertura area carburante - Relazione di calcolo

MATERIALI

S275 (EN 10025-2): Mod.El.= 210000.0; gM = 1.050;
fyk = 2750.0(2550.0 per sp>40 mm); fyd = 2619.0(2428.6 per sp>40 mm).

CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	2
4	SLU VENTOY 1	2
5	SLU VENTOX 2	2
6	SLU VENTOY 2	2
7	SLU VENTOX 3	2
8	SLU VENTOY 3	2
11	SLU con SISMAL PRINC	16
12	SLU con SISMAY PRINC	16

CARATTERISTICHE GEOMETRICHE

P_HEAL20_S005 (5) :
A = 25.4102E+00 Jz=607.6354E+00 Jy=230.9414E+00 Jt= 4.3320E+00

P_IPE80_S008 (8) :
A = 7.6563E+00 Jz= 80.2777E+00 Jy= 8.4911E+00 Jt=527.6360E-03

P_HEAL80_S017 (17) :
A = 45.3671E+00 Jz= 2.5161E+03 Jy=924.7126E+00 Jt= 11.0401E+00

P_HEAL60_S018 (18) :
A = 38.8871E+00 Jz= 1.6774E+03 Jy=615.6802E+00 Jt= 8.4644E+00

P_HEAL20_S005 (5) stato limite ultimo - ASTA (2- 786) 1459
----- PROGR. 0.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	23602.1	0.0	18.1
1- 1	0.0	0.0	0.0	14040.7	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|	1	Sx	928.8	0.0	0.0	928.8
1- 1	|si	|	5	Tz	552.6	0.7	0.0	552.6
1- 1	|si	|	9	Ty	552.6	0.0	-3.6	552.6
5- 1	|si	|	9	Si	928.8	0.0	-3.6	928.9

----- PROGR. 21.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	326.9	0.0	0.0	23599.3	0.0	13.6
1- 1	326.9	0.0	0.0	14037.9	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|	3	Sx	931.8	0.0	0.0	931.8
1- 1	|si	|	5	Tz	549.4	0.5	0.0	549.4
1- 1	|si	|	9	Ty	552.5	0.0	-2.7	552.5
5- 1	|si	|	7	Si	931.8	-0.5	0.0	931.8

----- PROGR. 41.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	560.4	0.0	0.0	23596.5	0.0	9.0
1- 1	560.4	0.0	0.0	14035.1	0.0	9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|	3	Sx	933.9	0.0	0.0	933.9
1- 1	|si	|	5	Tz	547.1	0.4	0.0	547.1
1- 1	|si	|	9	Ty	552.3	0.0	-1.8	552.3
5- 1	|si	|	7	Si	933.9	-0.4	0.0	933.9

----- PROGR. 62.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	23593.6	0.0	4.5
1- 1	700.4	0.0	0.0	14032.2	0.0	4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|	3	Sx	935.1	0.0	0.0	935.1
1- 1	|si	|	5	Tz	545.7	0.2	0.0	545.7
1- 1	|si	|	9	Ty	552.2	0.0	-0.9	552.2
5- 1	|si	|	7	Si	935.1	-0.2	0.0	935.1

----- PROGR. 83.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	747.1	0.0	0.0	23590.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|	3	Sx	935.4	0.0	0.0	935.4

----- PROGR. 103.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	23587.9	0.0	-4.5
1- 1	700.4	0.0	0.0	14026.5	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	|	3	Sx	934.9	0.0	0.0	934.9
1- 1	|si	|	5	Tz	545.4	-0.2	0.0	545.4
1- 1	|si	|	9	Ty	552.0	0.0	0.9	552.0
5- 1	|si	|	7	Si	934.9	0.2	0.0	934.9

----- PROGR. 124.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	560.4	0.0	0.0	23585.1	0.0	-9.0
1- 1	560.4	0.0	0.0	14023.7	0.0	-9.0

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 3|	Sx	|	933.4|	|	0.0|	|	0.0|	|	933.4|	|	
| 1- 1|	|si| 5|	Tz	|	546.6|	|	-0.4|	|	0.0|	|	546.6|	|	
| 1- 1|	|si| 9|	Ty	|	551.9|	|	0.0|	|	1.8|	|	551.9|	|	
| 5- 1|	|si| 7|	Si	|	933.4|	|	0.4|	|	0.0|	|	933.4|	|	

PROGR. 145.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	326.9|	|	0.0|	|	0.0|	|	23582.3|	|	0.0|	|	-13.6|	|
| 1- 1|	326.9|	|	0.0|	|	0.0|	|	14020.9|	|	0.0|	|	-13.6|	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 3|	Sx	|	931.1|	|	0.0|	|	0.0|	|	931.1|	|	
| 1- 1|	|si| 5|	Tz	|	548.7|	|	-0.5|	|	0.0|	|	548.7|	|	
| 1- 1|	|si| 9|	Ty	|	551.8|	|	0.0|	|	2.7|	|	551.8|	|	
| 5- 1|	|si| 7|	Si	|	931.1|	|	0.5|	|	0.0|	|	931.1|	|	

PROGR. 165.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	0.0|	|	0.0|	|	0.0|	|	23579.4|	|	0.0|	|	-18.1|	|
| 1- 1|	0.0|	|	0.0|	|	0.0|	|	14018.0|	|	0.0|	|	-18.1|	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 1|	Sx	|	928.0|	|	0.0|	|	0.0|	|	928.0|	|	
| 1- 1|	|si| 5|	Tz	|	551.7|	|	-0.7|	|	0.0|	|	551.7|	|	
| 1- 1|	|si| 9|	Ty	|	551.7|	|	0.0|	|	3.6|	|	551.7|	|	
| 5- 1|	|si| 9|	Si	|	928.0|	|	0.0|	|	3.6|	|	928.0|	|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.												
P_HEAL20_S005 (5) stato limite ultimo - ASTA (786- 517) 1460												

PROGR. 0.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	0.0|	|	0.0|	|	0.0|	|	-20508.0|	|	0.0|	|	18.1|	|
| 1- 1|	0.0|	|	0.0|	|	0.0|	|	-12196.3|	|	0.0|	|	18.1|	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 1|	Sx	|	-807.1|	|	0.0|	|	0.0|	|	807.1|	|	
| 1- 1|	|si| 5|	Tz	|	-480.0|	|	0.7|	|	0.0|	|	480.0|	|	
| 1- 1|	|si| 9|	Ty	|	-480.0|	|	0.0|	|	-3.6|	|	480.0|	|	
| 5- 1|	|si| 9|	Si	|	-807.1|	|	0.0|	|	-3.6|	|	807.1|	|	

PROGR. 21.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	326.9|	|	0.0|	|	0.0|	|	-20505.2|	|	0.0|	|	13.6|	|
| 1- 1|	326.9|	|	0.0|	|	0.0|	|	-12193.4|	|	0.0|	|	13.6|	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 1|	Sx	|	-810.0|	|	0.0|	|	0.0|	|	810.0|	|	
| 1- 1|	|si| 5|	Tz	|	-482.9|	|	0.5|	|	0.0|	|	482.9|	|	
| 1- 1|	|si| 9|	Ty	|	-479.9|	|	0.0|	|	-2.7|	|	479.9|	|	
| 5- 1|	|si| 5|	Si	|	-810.0|	|	0.5|	|	0.0|	|	810.0|	|	

PROGR. 41.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	560.4|	|	0.0|	|	0.0|	|	-20502.3|	|	0.0|	|	9.0|	|
| 1- 1|	560.4|	|	0.0|	|	0.0|	|	-12190.6|	|	0.0|	|	9.0|	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 1|	Sx	|	-812.1|	|	0.0|	|	0.0|	|	812.1|	|	
| 1- 1|	|si| 5|	Tz	|	-485.0|	|	0.4|	|	0.0|	|	485.0|	|	
| 1- 1|	|si| 9|	Ty	|	-479.8|	|	0.0|	|	-1.8|	|	479.8|	|	
| 5- 1|	|si| 5|	Si	|	-812.1|	|	0.4|	|	0.0|	|	812.1|	|	

PROGR. 62.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	700.4|	|	0.0|	|	0.0|	|	-20499.5|	|	0.0|	|	4.5|	|
| 1- 1|	700.4|	|	0.0|	|	0.0|	|	-12187.8|	|	0.0|	|	4.5|	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 1|	Sx	|	-813.3|	|	0.0|	|	0.0|	|	813.3|	|	
| 1- 1|	|si| 5|	Tz	|	-486.2|	|	0.2|	|	0.0|	|	486.2|	|	
| 1- 1|	|si| 9|	Ty	|	-479.6|	|	0.0|	|	-0.9|	|	479.6|	|	
| 5- 1|	|si| 5|	Si	|	-813.3|	|	0.2|	|	0.0|	|	813.3|	|	

PROGR. 83.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	747.1|	|	0.0|	|	0.0|	|	-20496.6|	|	0.0|	|	0.0|	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 1|	Sx	|	-813.6|	|	0.0|	|	0.0|	|	813.6|	|	

PROGR. 103.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	700.4|	|	0.0|	|	0.0|	|	-20493.8|	|	0.0|	|	-4.5|	|
| 1- 1|	700.4|	|	0.0|	|	0.0|	|	-12182.1|	|	0.0|	|	-4.5|	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|	|si| 1|	Sx	|	-813.1|	|	0.0|	|	0.0|	|	813.1|	|	
| 1- 1|	|si| 5|	Tz	|	-486.0|	|	-0.2|	|	0.0|	|	486.0|	|	
| 1- 1|	|si| 9|	Ty	|	-479.4|	|	0.0|	|	0.9|	|	479.4|	|	
| 5- 1|	|si| 5|	Si	|	-813.1|	|	-0.2|	|	0.0|	|	813.1|	|	

PROGR. 124.												
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	560.4|	|	0.0|	|	0.0|	|	-20491.0|	|	0.0|	|	-9.0|	|
| 1- 1|	560.4|	|	0.0|	|	0.0|	|	-12179.2|	|	0.0|	|	-9.0|	|
TENSIONI (Sz= 0.00) :												

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	-811.7	0.0	0.0	811.7
1-1	|si	5	Tz	-484.6	-0.4	0.0	484.6
1-1	|si	9	Ty	-479.3	0.0	1.8	479.3
5-1	|si	5	Si	-811.7	-0.4	0.0	811.7

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	326.9	0.0	0.0	-20488.1	0.0	-13.6
1-1	326.9	0.0	0.0	-12176.4	0.0	-13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	-809.4	0.0	0.0	809.4
1-1	|si	5	Tz	-482.3	-0.5	0.0	482.3
1-1	|si	9	Ty	-479.2	0.0	2.7	479.2
5-1	|si	5	Si	-809.4	-0.5	0.0	809.4

PROGR. 165.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-20485.3	0.0	-18.1
1-1	0.0	0.0	0.0	-12173.6	0.0	-18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	-806.2	0.0	0.0	806.2
1-1	|si	5	Tz	-479.1	-0.7	0.0	479.1
1-1	|si	9	Ty	-479.1	0.0	3.6	479.1
5-1	|si	9	Si	-806.2	0.0	3.6	806.2

VERIFICA STABILITA` :

L0 = 165.1
 Z |Lc = 165. |Ro = 4.89 |lm = 33.8 |Ncr= 460574.7 |alfa(b)=0.3400 |ki=0.9302 |
 Y |Lc = 165. |Ro = 3.01 |lm = 54.9 |Ncr= 175048.6 |alfa(c)=0.4900 |ki=0.7664 |
 Caso 5-1 - Nodo 1 - Asse Y
 Ned = -20508.0 |Mzeq = 647.5 |Myeq = 0.0 |Ss = -1059.5 (0.405)

P_HEAL20_S005 (5) stato limite ultimo - ASTA (517- 788) 1461
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	6099.8	0.0	18.1
1-1	0.0	0.0	0.0	3889.9	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	240.1	0.0	0.0	240.1
1-1	|si	5	Tz	153.1	0.7	0.0	153.1
1-1	|si	9	Ty	153.1	0.0	-3.6	153.2
5-1	|si	9	Si	240.1	0.0	-3.6	240.1

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	326.9	0.0	0.0	6096.9	0.0	13.6
1-1	326.9	0.0	0.0	3887.1	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	243.0	0.0	0.0	243.0
1-1	|si	5	Tz	149.9	0.5	0.0	149.9
1-1	|si	9	Ty	153.0	0.0	-2.7	153.0
5-1	|si	7	Si	243.0	-0.5	0.0	243.0

PROGR. 41.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	560.4	0.0	0.0	6094.1	0.0	9.0
1-1	560.4	0.0	0.0	3884.3	0.0	9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	245.1	0.0	0.0	245.1
1-1	|si	5	Tz	147.6	0.4	0.0	147.6
1-1	|si	9	Ty	152.9	0.0	-1.8	152.9
5-1	|si	7	Si	245.1	-0.4	0.0	245.1

PROGR. 62.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	700.4	0.0	0.0	6091.2	0.0	4.5
1-1	700.4	0.0	0.0	3881.4	0.0	4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	246.3	0.0	0.0	246.3
1-1	|si	5	Tz	146.2	0.2	0.0	146.2
1-1	|si	9	Ty	152.8	0.0	-0.9	152.8
5-1	|si	7	Si	246.3	-0.2	0.0	246.3

PROGR. 83.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	747.1	0.0	0.0	6088.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	246.6	0.0	0.0	246.6

PROGR. 103.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	700.4	0.0	0.0	6085.6	0.0	-4.5
1-1	700.4	0.0	0.0	3875.7	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	246.1	0.0	0.0	246.1
1-1	|si	5	Tz	146.0	-0.2	0.0	146.0
1-1	|si	9	Ty	152.5	0.0	0.9	152.5
5-1	|si	7	Si	246.1	0.2	0.0	246.1

Copertura area carburante - Relazione di calcolo

----- PROGR. 124.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	560.4|	0.0|	0.0|	6082.7|	0.0|	-9.0|	
| 1- 1|	560.4|	0.0|	0.0|	3872.9|	0.0|	-9.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 3|Sx	244.6|	0.0|	0.0|	244.6|		
| 1- 1|	si| 5| Tz	147.2|	-0.4|	0.0|	147.2|		
| 1- 1|	si| 9| Ty	152.4|	0.0|	1.8|	152.4|		
| 5- 1|	si| 7| Si	244.6|	0.4|	0.0|	244.6|		
----- PROGR. 145.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	326.9|	0.0|	0.0|	6079.9|	0.0|	-13.6|	
| 1- 1|	326.9|	0.0|	0.0|	3870.1|	0.0|	-13.6|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 3|Sx	242.3|	0.0|	0.0|	242.3|		
| 1- 1|	si| 5| Tz	149.2|	-0.5|	0.0|	149.2|		
| 1- 1|	si| 9| Ty	152.3|	0.0|	2.7|	152.4|		
| 5- 1|	si| 7| Si	242.3|	0.5|	0.0|	242.3|		
----- PROGR. 165.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	6077.0|	0.0|	-18.1|	
| 1- 1|	0.0|	0.0|	0.0|	3867.2|	0.0|	-18.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1|	si| 1|Sx	239.2|	0.0|	0.0|	239.2|		
| 1- 1|	si| 5| Tz	152.2|	-0.7|	0.0|	152.2|		
| 1- 1|	si| 9| Ty	152.2|	0.0|	3.6|	152.3|		
| 5- 1|	si| 9| Si	239.2|	0.0|	3.6|	239.2|		

VERIFICA STABILITA' :							
|L0 = 165.1							
Z |Lc = 165.1|Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|							
Y |Lc = 165.1|Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|							
Casol2- 5 - Nodo 1 - Asse Y							
Ned = -1316.9|Mzeq = 498.1|Myeq = 0.0|Ss = -72.3 (0.028)							
P_HEA120_S005 (5) stato limite ultimo - ASTA (788- 519) 1462							
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-10|	0.0|	0.0|	0.0|	-3037.8|	0.0|	13.9|	
| 1- 1|	0.0|	0.0|	0.0|	-1793.4|	0.0|	18.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-10|	si| 1|Sx	-119.5|	0.0|	0.0|	119.5|		
| 1- 1|	si| 5| Tz	-70.6|	0.7|	0.0|	70.6|		
| 1- 1|	si| 9| Ty	-70.6|	0.0|	-3.6|	70.8|		
| 12-10|	si| 9| Si	-119.5|	0.0|	-2.7|	119.6|		
----- PROGR. 21.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-10|	251.4|	0.0|	0.0|	-3035.6|	0.0|	10.4|	
| 1- 1|	326.9|	0.0|	0.0|	-1790.5|	0.0|	13.6|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-10|	si| 1|Sx	-121.8|	0.0|	0.0|	121.8|		
| 1- 1|	si| 5| Tz	-73.5|	0.5|	0.0|	73.5|		
| 1- 1|	si| 9| Ty	-70.5|	0.0|	-2.7|	70.6|		
| 12-10|	si| 5| Si	-121.8|	0.4|	0.0|	121.8|		
----- PROGR. 41.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-10|	431.0|	0.0|	0.0|	-3033.4|	0.0|	7.0|	
| 1- 1|	560.4|	0.0|	0.0|	-1787.7|	0.0|	9.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-10|	si| 1|Sx	-123.4|	0.0|	0.0|	123.4|		
| 1- 1|	si| 5| Tz	-75.6|	0.4|	0.0|	75.6|		
| 1- 1|	si| 9| Ty	-70.4|	0.0|	-1.8|	70.4|		
| 12-10|	si| 5| Si	-123.4|	0.3|	0.0|	123.4|		
----- PROGR. 62.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-10|	538.8|	0.0|	0.0|	-3031.2|	0.0|	3.5|	
| 1- 1|	700.4|	0.0|	0.0|	-1784.9|	0.0|	4.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-10|	si| 1|Sx	-124.3|	0.0|	0.0|	124.3|		
| 1- 1|	si| 5| Tz	-76.8|	0.2|	0.0|	76.8|		
| 1- 1|	si| 9| Ty	-70.2|	0.0|	-0.9|	70.3|		
| 12-10|	si| 5| Si	-124.3|	0.1|	0.0|	124.3|		
----- PROGR. 83.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-10|	574.7|	0.0|	0.0|	-3029.0|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-10|	si| 1|Sx	-124.6|	0.0|	0.0|	124.6|		
----- PROGR. 103.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-10|	538.8|	0.0|	0.0|	-3026.9|	0.0|	-3.5|	
1- 1	700.4	0.0	0.0	-1779.2	0.0	-4.5	

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-10|si| 1|Sx | -124.2| 0.0| 0.0| 124.2|
| 1- 1|si| 5| Tz | -76.6| -0.2| 0.0| 76.6|
| 1- 1|si| 9| Ty | -70.0| 0.0| 0.9| 70.0|
| 12-10|si| 5| Si | -124.2| -0.1| 0.0| 124.2|
-----
PROGR. 124.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-10| 431.0| 0.0| 0.0| -3024.7| 0.0| -7.0|
| 1- 1| 560.4| 0.0| 0.0| -1776.3| 0.0| -9.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-10|si| 1|Sx | -123.1| 0.0| 0.0| 123.1|
| 1- 1|si| 5| Tz | -75.2| -0.4| 0.0| 75.2|
| 1- 1|si| 9| Ty | -69.9| 0.0| 1.8| 70.0|
| 12-10|si| 5| Si | -123.1| -0.3| 0.0| 123.1|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-10| 251.4| 0.0| 0.0| -3022.5| 0.0| -10.4|
| 1- 1| 326.9| 0.0| 0.0| -1773.5| 0.0| -13.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-10|si| 1|Sx | -121.3| 0.0| 0.0| 121.3|
| 1- 1|si| 5| Tz | -72.9| -0.5| 0.0| 72.9|
| 1- 1|si| 9| Ty | -69.8| 0.0| 2.7| 69.9|
| 12-10|si| 5| Si | -121.3| -0.4| 0.0| 121.3|
-----
PROGR. 165.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-10| 0.0| 0.0| 0.0| -3020.3| 0.0| -13.9|
| 1- 1| 0.0| 0.0| 0.0| -1770.7| 0.0| -18.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-10|si| 1|Sx | -118.9| 0.0| 0.0| 118.9|
| 1- 1|si| 5| Tz | -69.7| -0.7| 0.0| 69.7|
| 1- 1|si| 9| Ty | -69.7| 0.0| 3.6| 70.0|
| 12-10|si| 9| Si | -118.9| 0.0| 2.7| 119.0|
-----
PROGR. 165.

VERIFICA STABILITA' :
|L0 = 165.1
Z |Lc = 165.1|Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|
Y |Lc = 165.1|Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|
Caso12-10 - Nodo 1 - Asse Y
Ned = -3037.8|Mzeq = 498.1|Myeq = 0.0|Ss = -160.7 ( 0.061)

P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 519- 790) 1463
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -12068.9| 0.0| 18.1|
| 1- 1| 0.0| 0.0| 0.0| -6196.9| 0.0| 18.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -475.0| 0.0| 0.0| 475.0|
| 1- 1|si| 5| Tz | -243.9| 0.7| 0.0| 243.9|
| 1- 1|si| 9| Ty | -243.9| 0.0| -3.6| 244.0|
| 6- 1|si| 9| Si | -475.0| 0.0| -3.6| 475.0|
-----
PROGR. 21.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 326.9| 0.0| 0.0| -12071.7| 0.0| 13.6|
| 1- 1| 326.9| 0.0| 0.0| -6199.8| 0.0| 13.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -478.1| 0.0| 0.0| 478.1|
| 1- 1|si| 5| Tz | -247.1| 0.5| 0.0| 247.1|
| 1- 1|si| 9| Ty | -244.0| 0.0| -2.7| 244.0|
| 6- 1|si| 5| Si | -478.1| 0.5| 0.0| 478.1|
-----
PROGR. 41.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 560.4| 0.0| 0.0| -12074.6| 0.0| 9.0|
| 1- 1| 560.4| 0.0| 0.0| -6202.6| 0.0| 9.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -480.4| 0.0| 0.0| 480.4|
| 1- 1|si| 5| Tz | -249.4| 0.4| 0.0| 249.4|
| 1- 1|si| 9| Ty | -244.1| 0.0| -1.8| 244.1|
| 6- 1|si| 5| Si | -480.4| 0.4| 0.0| 480.4|
-----
PROGR. 62.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 700.4| 0.0| 0.0| -12077.4| 0.0| 4.5|
| 1- 1| 700.4| 0.0| 0.0| -6205.5| 0.0| 4.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -481.9| 0.0| 0.0| 481.9|
| 1- 1|si| 5| Tz | -250.8| 0.2| 0.0| 250.8|
| 1- 1|si| 9| Ty | -244.2| 0.0| -0.9| 244.2|
| 6- 1|si| 5| Si | -481.9| 0.2| 0.0| 481.9|
-----
PROGR. 83.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 747.1| 0.0| 0.0| -12080.2| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

6- 1 si 1 Sx	Si	-482.4	0.0	0.0	482.4				

PROGR. 103.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	700.4|	0.0|	0.0|	-12083.1|	0.0|	-4.5|			
| 1- 1|	700.4|	0.0|	0.0|	-6211.1|	0.0|	-4.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	-482.1|	0.0|	0.0|	482.1|					
| 1- 1|si| 5| Tz	-251.0|	-0.2|	0.0|	251.0|					
| 1- 1|si| 9| Ty	-244.4|	0.0|	0.9|	244.4|					
| 6- 1|si| 5| Si	-482.1|	-0.2|	0.0|	482.1|					

PROGR. 124.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	560.4|	0.0|	0.0|	-12085.9|	0.0|	-9.0|			
| 1- 1|	560.4|	0.0|	0.0|	-6214.0|	0.0|	-9.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	-480.9|	0.0|	0.0|	480.9|					
| 1- 1|si| 5| Tz	-249.8|	-0.4|	0.0|	249.8|					
| 1- 1|si| 9| Ty	-244.5|	0.0|	1.8|	244.6|					
| 6- 1|si| 5| Si	-480.9|	-0.4|	0.0|	480.9|					

PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	326.9|	0.0|	0.0|	-12088.8|	0.0|	-13.6|			
| 1- 1|	326.9|	0.0|	0.0|	-6216.8|	0.0|	-13.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	-478.8|	0.0|	0.0|	478.8|					
| 1- 1|si| 5| Tz	-247.7|	-0.5|	0.0|	247.7|					
| 1- 1|si| 9| Ty	-244.7|	0.0|	2.7|	244.7|					
| 6- 1|si| 5| Si	-478.8|	-0.5|	0.0|	478.8|					

PROGR. 165.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-12091.6|	0.0|	-18.1|			
| 1- 1|	0.0|	0.0|	0.0|	-6219.7|	0.0|	-18.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	-475.9|	0.0|	0.0|	475.9|					
| 1- 1|si| 5| Tz	-244.8|	-0.7|	0.0|	244.8|					
| 1- 1|si| 9| Ty	-244.8|	0.0|	3.6|	244.8|					
| 6- 1|si| 9| Si	-475.9|	0.0|	3.6|	475.9|					

VERIFICA STABILITA` :									
|L0 = 165. |									
Z |Lc = 165. |Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|									
Y |Lc = 165. |Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|									
Caso 6- 1 - Nodo 1 - Asse Y									
Ned = -12091.6|Mzeq = 647.5|Myeq = 0.0|Ss = -627.2 (0.239)									
P_HEA120_S005 (5) stato limite ultimo - ASTA (790- 521) 1464									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	15556.1|	0.0|	18.1|			
| 1- 1|	0.0|	0.0|	0.0|	8208.2|	0.0|	18.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	612.2|	0.0|	0.0|	612.2|					
| 1- 1|si| 5| Tz	323.0|	0.7|	0.0|	323.0|					
| 1- 1|si| 9| Ty	323.0|	0.0|	-3.6|	323.1|					
| 6- 1|si| 9| Si	612.2|	0.0|	-3.6|	612.2|					

PROGR. 21.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	326.9|	0.0|	0.0|	15559.0|	0.0|	13.6|			
| 1- 1|	326.9|	0.0|	0.0|	8211.1|	0.0|	13.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx	615.4|	0.0|	0.0|	615.4|					
| 1- 1|si| 5| Tz	320.1|	0.5|	0.0|	320.1|					
| 1- 1|si| 9| Ty	323.1|	0.0|	-2.7|	323.2|					
| 6- 1|si| 7| Si	615.4|	-0.5|	0.0|	615.4|					

PROGR. 41.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	560.4|	0.0|	0.0|	15561.8|	0.0|	9.0|			
| 1- 1|	560.4|	0.0|	0.0|	8213.9|	0.0|	9.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx	617.7|	0.0|	0.0|	617.7|					
| 1- 1|si| 5| Tz	318.0|	0.4|	0.0|	318.0|					
| 1- 1|si| 9| Ty	323.3|	0.0|	-1.8|	323.3|					
| 6- 1|si| 7| Si	617.7|	-0.4|	0.0|	617.7|					

PROGR. 62.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	700.4|	0.0|	0.0|	15564.6|	0.0|	4.5|			
| 1- 1|	700.4|	0.0|	0.0|	8216.7|	0.0|	4.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx	619.1|	0.0|	0.0|	619.1|					
| 1- 1|si| 5| Tz	316.8|	0.2|	0.0|	316.8|					
| 1- 1|si| 9| Ty	323.4|	0.0|	-0.9|	323.4|					
| 6- 1|si| 7| Si	619.1|	-0.2|	0.0|	619.1|					

Copertura area carburante - Relazione di calcolo

-----										PROGR.	83.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	747.1	0.0	0.0	15567.5	0.0	0.0					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	3	Sx	619.7	0.0	0.0	619.7				
-----										PROGR.	103.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	700.4	0.0	0.0	15570.3	0.0	-4.5					
| 1- 1 |	700.4	0.0	0.0	8222.4	0.0	-4.5					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	3	Sx	619.3	0.0	0.0	619.3				
| 1- 1 |	si	5	Tz	317.0	-0.2	0.0	317.0				
| 1- 1 |	si	9	Ty	323.6	0.0	0.9	323.6				
| 6- 1 |	si	7	Si	619.3	0.2	0.0	619.3				
-----										PROGR.	124.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	560.4	0.0	0.0	15573.2	0.0	-9.0					
| 1- 1 |	560.4	0.0	0.0	8225.3	0.0	-9.0					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	3	Sx	618.1	0.0	0.0	618.1				
| 1- 1 |	si	5	Tz	318.4	-0.4	0.0	318.4				
| 1- 1 |	si	9	Ty	323.7	0.0	1.8	323.7				
| 6- 1 |	si	7	Si	618.1	0.4	0.0	618.1				
-----										PROGR.	145.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	326.9	0.0	0.0	15576.0	0.0	-13.6					
| 1- 1 |	326.9	0.0	0.0	8228.1	0.0	-13.6					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	3	Sx	616.0	0.0	0.0	616.0				
| 1- 1 |	si	5	Tz	320.7	-0.5	0.0	320.7				
| 1- 1 |	si	9	Ty	323.8	0.0	2.7	323.8				
| 6- 1 |	si	7	Si	616.0	0.5	0.0	616.1				
-----										PROGR.	165.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	0.0	0.0	0.0	15578.8	0.0	-18.1					
| 1- 1 |	0.0	0.0	0.0	8230.9	0.0	-18.1					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	1	Sx	613.1	0.0	0.0	613.1				
| 1- 1 |	si	5	Tz	323.9	-0.7	0.0	323.9				
| 1- 1 |	si	9	Ty	323.9	0.0	3.6	324.0				
| 6- 1 |	si	9	Si	613.1	0.0	3.6	613.1				
-----										PROGR.	1465.
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.											
P_HEA120_S005 (5) stato limite ultimo - ASTA (521- 792)										1465	
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	0.0	0.0	0.0	-30318.9	0.0	18.1					
| 1- 1 |	0.0	0.0	0.0	-16541.7	0.0	18.1					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	1	Sx	-1193.2	0.0	0.0	1193.2				
| 1- 1 |	si	5	Tz	-651.0	0.7	0.0	651.0				
| 1- 1 |	si	9	Ty	-651.0	0.0	-3.6	651.0				
| 6- 1 |	si	9	Si	-1193.2	0.0	-3.6	1193.2				
-----										PROGR.	21.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	326.9	0.0	0.0	-30321.8	0.0	13.6					
| 1- 1 |	326.9	0.0	0.0	-16544.5	0.0	13.6					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	1	Sx	-1196.4	0.0	0.0	1196.4				
| 1- 1 |	si	5	Tz	-654.2	0.5	0.0	654.2				
| 1- 1 |	si	9	Ty	-651.1	0.0	-2.7	651.1				
| 6- 1 |	si	5	Si	-1196.4	0.5	0.0	1196.4				
-----										PROGR.	41.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	560.4	0.0	0.0	-30324.6	0.0	9.0					
| 1- 1 |	560.4	0.0	0.0	-16547.4	0.0	9.0					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	1	Sx	-1198.7	0.0	0.0	1198.7				
| 1- 1 |	si	5	Tz	-656.5	0.4	0.0	656.5				
| 1- 1 |	si	9	Ty	-651.2	0.0	-1.8	651.2				
| 6- 1 |	si	5	Si	-1198.7	0.4	0.0	1198.7				
-----										PROGR.	62.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	700.4	0.0	0.0	-30327.4	0.0	4.5					
| 1- 1 |	700.4	0.0	0.0	-16550.2	0.0	4.5					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	1	Sx	-1200.1	0.0	0.0	1200.1				
| 1- 1 |	si	5	Tz	-657.9	0.2	0.0	657.9				
| 1- 1 |	si	9	Ty	-651.3	0.0	-0.9	651.3				
| 6- 1 |	si	5	Si	-1200.1	0.2	0.0	1200.1				

Copertura area carburante - Relazione di calcolo

----- PROGR. 83.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	747.1 |	0.0 |	0.0 |	-30330.3 |	0.0 |	0.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 1 |Sx |	-1200.6 |	0.0 |	0.0 |	1200.6 |				
----- PROGR. 103.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	700.4 |	0.0 |	0.0 |	-30333.1 |	0.0 |	-4.5 |			
| 1- 1 |	700.4 |	0.0 |	0.0 |	-16555.9 |	0.0 |	-4.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 1 |Sx |	-1200.3 |	0.0 |	0.0 |	1200.3 |				
| 1- 1 |	|si| 5 | Tz |	-658.1 |	-0.2 |	0.0 |	658.1 |				
| 1- 1 |	|si| 9 | Ty |	-651.5 |	0.0 |	0.9 |	651.5 |				
| 6- 1 |	|si| 5 | Si |	-1200.3 |	-0.2 |	0.0 |	1200.3 |				
----- PROGR. 124.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	560.4 |	0.0 |	0.0 |	-30336.0 |	0.0 |	-9.0 |			
| 1- 1 |	560.4 |	0.0 |	0.0 |	-16558.7 |	0.0 |	-9.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 1 |Sx |	-1199.1 |	0.0 |	0.0 |	1199.1 |				
| 1- 1 |	|si| 5 | Tz |	-656.9 |	-0.4 |	0.0 |	656.9 |				
| 1- 1 |	|si| 9 | Ty |	-651.7 |	0.0 |	1.8 |	651.7 |				
| 6- 1 |	|si| 5 | Si |	-1199.1 |	-0.4 |	0.0 |	1199.1 |				
----- PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	326.9 |	0.0 |	0.0 |	-30338.8 |	0.0 |	-13.6 |			
| 1- 1 |	326.9 |	0.0 |	0.0 |	-16561.6 |	0.0 |	-13.6 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 1 |Sx |	-1197.0 |	0.0 |	0.0 |	1197.0 |				
| 1- 1 |	|si| 5 | Tz |	-654.8 |	-0.5 |	0.0 |	654.8 |				
| 1- 1 |	|si| 9 | Ty |	-651.8 |	0.0 |	2.7 |	651.8 |				
| 6- 1 |	|si| 5 | Si |	-1197.0 |	-0.5 |	0.0 |	1197.0 |				
----- PROGR. 165.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	0.0 |	0.0 |	0.0 |	-30341.6 |	0.0 |	-18.1 |			
| 1- 1 |	0.0 |	0.0 |	0.0 |	-16564.4 |	0.0 |	-18.1 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 1 |Sx |	-1194.1 |	0.0 |	0.0 |	1194.1 |				
| 1- 1 |	|si| 5 | Tz |	-651.9 |	-0.7 |	0.0 |	651.9 |				
| 1- 1 |	|si| 9 | Ty |	-651.9 |	0.0 |	3.6 |	651.9 |				
| 6- 1 |	|si| 9 | Si |	-1194.1 |	0.0 |	3.6 |	1194.1 |				

VERIFICA STABILITA` :									
|L0 = 165. |									
Z |Lc = 165. |Ro = 4.89 |lm = 33.8 |Ncr= 460574.7 |alfa(b)=0.3400 |ki=0.9302 |									
Y |Lc = 165. |Ro = 3.01 |lm = 54.9 |Ncr= 175048.6 |alfa(c)=0.4900 |ki=0.7664 |									
Caso 6- 1 - Nodo 1 - Asse Y									
Ned = -30341.6 |Mzeq = 647.5 |Myeq = 0.0 |Ss = -1564.6 (0.597)									
P_HEA120_S005 (5) stato limite ultimo - ASTA (792- 310) 1466									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	0.0 |	0.0 |	0.0 |	34563.8 |	0.0 |	18.1 |			
| 1- 1 |	0.0 |	0.0 |	0.0 |	18940.9 |	0.0 |	18.1 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 1 |Sx |	1360.2 |	0.0 |	0.0 |	1360.2 |				
| 1- 1 |	|si| 5 | Tz |	745.4 |	0.7 |	0.0 |	745.4 |				
| 1- 1 |	|si| 9 | Ty |	745.4 |	0.0 |	-3.6 |	745.4 |				
| 6- 1 |	|si| 9 | Si |	1360.2 |	0.0 |	-3.6 |	1360.3 |				
----- PROGR. 21.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	326.9 |	0.0 |	0.0 |	34566.7 |	0.0 |	13.6 |			
| 1- 1 |	326.9 |	0.0 |	0.0 |	18943.7 |	0.0 |	13.6 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 3 |Sx |	1363.4 |	0.0 |	0.0 |	1363.4 |				
| 1- 1 |	|si| 5 | Tz |	742.5 |	0.5 |	0.0 |	742.5 |				
| 1- 1 |	|si| 9 | Ty |	745.5 |	0.0 |	-2.7 |	745.5 |				
| 6- 1 |	|si| 7 | Si |	1363.4 |	-0.5 |	0.0 |	1363.4 |				
----- PROGR. 41.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	560.4 |	0.0 |	0.0 |	34569.5 |	0.0 |	9.0 |			
| 1- 1 |	560.4 |	0.0 |	0.0 |	18946.6 |	0.0 |	9.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1 |	|si| 3 |Sx |	1365.7 |	0.0 |	0.0 |	1365.7 |				
| 1- 1 |	|si| 5 | Tz |	740.4 |	0.4 |	0.0 |	740.4 |				
| 1- 1 |	|si| 9 | Ty |	745.6 |	0.0 |	-1.8 |	745.6 |				
| 6- 1 |	|si| 7 | Si |	1365.7 |	-0.4 |	0.0 |	1365.7 |				
----- PROGR. 62.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1 |	700.4 |	0.0 |	0.0 |	34572.4 |	0.0 |	4.5 |			
| 1- 1 |	700.4 |	0.0 |	0.0 |	18949.4 |	0.0 |	4.5 |			

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	1367.1	0.0	0.0	1367.1
1-1	si	5	Tz	739.2	0.2	0.0	739.2
1-1	si	9	Ty	745.7	0.0	-0.9	745.7
6-1	si	7	Si	1367.1	-0.2	0.0	1367.1

PROGR. 83.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	747.1	0.0	0.0	34575.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	1367.7	0.0	0.0	1367.7

PROGR. 103.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	700.4	0.0	0.0	34578.0	0.0	-4.5
1-1	700.4	0.0	0.0	18955.1	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	1367.4	0.0	0.0	1367.4
1-1	si	5	Tz	739.4	-0.2	0.0	739.4
1-1	si	9	Ty	746.0	0.0	0.9	746.0
6-1	si	7	Si	1367.4	0.2	0.0	1367.4

PROGR. 124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	560.4	0.0	0.0	34580.9	0.0	-9.0
1-1	560.4	0.0	0.0	18957.9	0.0	-9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	1366.2	0.0	0.0	1366.2
1-1	si	5	Tz	740.8	-0.4	0.0	740.8
1-1	si	9	Ty	746.1	0.0	1.8	746.1
6-1	si	7	Si	1366.2	0.4	0.0	1366.2

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	326.9	0.0	0.0	34583.7	0.0	-13.6
1-1	326.9	0.0	0.0	18960.8	0.0	-13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	1364.1	0.0	0.0	1364.1
1-1	si	5	Tz	743.1	-0.5	0.0	743.1
1-1	si	9	Ty	746.2	0.0	2.7	746.2
6-1	si	7	Si	1364.1	0.5	0.0	1364.1

PROGR. 165.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	34586.6	0.0	-18.1
1-1	0.0	0.0	0.0	18963.6	0.0	-18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	1361.1	0.0	0.0	1361.1
1-1	si	5	Tz	746.3	-0.7	0.0	746.3
1-1	si	9	Ty	746.3	0.0	3.6	746.3
6-1	si	9	Si	1361.1	0.0	3.6	1361.1

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEAL20_S005 (5) stato limite ultimo - ASTA (310- 794) 1467
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	32647.9	0.0	18.1
1-1	0.0	0.0	0.0	18814.1	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	1284.8	0.0	0.0	1284.8
1-1	si	5	Tz	740.4	0.7	0.0	740.4
1-1	si	9	Ty	740.4	0.0	-3.6	740.4
5-1	si	9	Si	1284.8	0.0	-3.6	1284.9

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	326.9	0.0	0.0	32645.0	0.0	13.6
1-1	326.9	0.0	0.0	18811.2	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	1287.8	0.0	0.0	1287.8
1-1	si	5	Tz	737.2	0.5	0.0	737.2
1-1	si	9	Ty	740.3	0.0	-2.7	740.3
5-1	si	7	Si	1287.8	-0.5	0.0	1287.8

PROGR. 41.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	560.4	0.0	0.0	32642.2	0.0	9.0
1-1	560.4	0.0	0.0	18808.4	0.0	9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	1289.9	0.0	0.0	1289.9
1-1	si	5	Tz	734.9	0.4	0.0	734.9
1-1	si	9	Ty	740.2	0.0	-1.8	740.2
5-1	si	7	Si	1289.9	-0.4	0.0	1289.9

PROGR. 62.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	700.4	0.0	0.0	32639.4	0.0	4.5
1-1	700.4	0.0	0.0	18805.5	0.0	4.5

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	1291.1	0.0	0.0	1291.1
1- 1	|si	5	Tz	733.5	0.2	0.0	733.5
1- 1	|si	9	Ty	740.1	0.0	-0.9	740.1
5- 1	|si	7	Si	1291.1	-0.2	0.0	1291.1

83.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	747.1	0.0	0.0	32636.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	1291.4	0.0	0.0	1291.4

103.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	32633.7	0.0	-4.5
1- 1	700.4	0.0	0.0	18799.9	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	1290.8	0.0	0.0	1290.8
1- 1	|si	5	Tz	733.3	-0.2	0.0	733.3
1- 1	|si	9	Ty	739.9	0.0	0.9	739.9
5- 1	|si	7	Si	1290.8	0.2	0.0	1290.8

124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	560.4	0.0	0.0	32630.8	0.0	-9.0
1- 1	560.4	0.0	0.0	18797.0	0.0	-9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	1289.4	0.0	0.0	1289.4
1- 1	|si	5	Tz	734.5	-0.4	0.0	734.5
1- 1	|si	9	Ty	739.7	0.0	1.8	739.8
5- 1	|si	7	Si	1289.4	0.4	0.0	1289.4

145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	326.9	0.0	0.0	32628.0	0.0	-13.6
1- 1	326.9	0.0	0.0	18794.2	0.0	-13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	1287.1	0.0	0.0	1287.1
1- 1	|si	5	Tz	736.6	-0.5	0.0	736.6
1- 1	|si	9	Ty	739.6	0.0	2.7	739.6
5- 1	|si	7	Si	1287.1	0.5	0.0	1287.1

165.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	32625.2	0.0	-18.1
1- 1	0.0	0.0	0.0	18791.3	0.0	-18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	1	Sx	1283.9	0.0	0.0	1283.9
1- 1	|si	5	Tz	739.5	-0.7	0.0	739.5
1- 1	|si	9	Ty	739.5	0.0	3.6	739.5
5- 1	|si	9	Si	1283.9	0.0	3.6	1284.0

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (794- 571) 1468
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-28497.9	0.0	18.1
1- 1	0.0	0.0	0.0	-16404.6	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	1	Sx	-1121.5	0.0	0.0	1121.5
1- 1	|si	5	Tz	-645.6	0.7	0.0	645.6
1- 1	|si	9	Ty	-645.6	0.0	-3.6	645.6
5- 1	|si	9	Si	-1121.5	0.0	-3.6	1121.5

21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	326.9	0.0	0.0	-28495.0	0.0	13.6
1- 1	326.9	0.0	0.0	-16401.8	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	1	Sx	-1124.5	0.0	0.0	1124.5
1- 1	|si	5	Tz	-648.5	0.5	0.0	648.5
1- 1	|si	9	Ty	-645.5	0.0	-2.7	645.5
5- 1	|si	5	Si	-1124.5	0.5	0.0	1124.5

41.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	560.4	0.0	0.0	-28492.2	0.0	9.0
1- 1	560.4	0.0	0.0	-16398.9	0.0	9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	1	Sx	-1126.5	0.0	0.0	1126.5
1- 1	|si	5	Tz	-650.6	0.4	0.0	650.6
1- 1	|si	9	Ty	-645.4	0.0	-1.8	645.4
5- 1	|si	5	Si	-1126.5	0.4	0.0	1126.5

62.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	-28489.4	0.0	4.5
1- 1	700.4	0.0	0.0	-16396.1	0.0	4.5

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -1127.8| 0.0| 0.0| 1127.8|
| 1- 1|si| 5| Tz | -651.8| 0.2| 0.0| 651.8|
| 1- 1|si| 9| Ty | -645.3| 0.0| -0.9| 645.3|
| 5- 1|si| 5| Si | -1127.8| 0.2| 0.0| 1127.8|
-----
PROGR. 83.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 747.1| 0.0| 0.0| -28486.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | Si | -1128.1| 0.0| 0.0| 1128.1|
-----
PROGR. 103.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 700.4| 0.0| 0.0| -28483.7| 0.0| -4.5|
| 1- 1| 700.4| 0.0| 0.0| -16390.4| 0.0| -4.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1127.5| 0.0| 0.0| 1127.5|
| 1- 1|si| 5| Tz | -651.6| -0.2| 0.0| 651.6|
| 1- 1|si| 9| Ty | -645.0| 0.0| 0.9| 645.0|
| 5- 1|si| 5| Si | -1127.5| -0.2| 0.0| 1127.5|
-----
PROGR. 124.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 560.4| 0.0| 0.0| -28480.8| 0.0| -9.0|
| 1- 1| 560.4| 0.0| 0.0| -16387.6| 0.0| -9.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1126.1| 0.0| 0.0| 1126.1|
| 1- 1|si| 5| Tz | -650.2| -0.4| 0.0| 650.2|
| 1- 1|si| 9| Ty | -644.9| 0.0| 1.8| 644.9|
| 5- 1|si| 5| Si | -1126.1| -0.4| 0.0| 1126.1|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 326.9| 0.0| 0.0| -28478.0| 0.0| -13.6|
| 1- 1| 326.9| 0.0| 0.0| -16384.7| 0.0| -13.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1123.8| 0.0| 0.0| 1123.8|
| 1- 1|si| 5| Tz | -647.9| -0.5| 0.0| 647.9|
| 1- 1|si| 9| Ty | -644.8| 0.0| 2.7| 644.8|
| 5- 1|si| 5| Si | -1123.8| -0.5| 0.0| 1123.8|
-----
PROGR. 165.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -28475.2| 0.0| -18.1|
| 1- 1| 0.0| 0.0| 0.0| -16381.9| 0.0| -18.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -1120.6| 0.0| 0.0| 1120.6|
| 1- 1|si| 5| Tz | -644.7| -0.7| 0.0| 644.7|
| 1- 1|si| 9| Ty | -644.7| 0.0| 3.6| 644.7|
| 5- 1|si| 9| Si | -1120.6| 0.0| 3.6| 1120.6|
-----
PROGR. 165.

VERIFICA STABILITA` :
|L0 = 165. |
Z |Lc = 165. |Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b )=0.3400|ki=0.9302|
Y |Lc = 165. |Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c )=0.4900|ki=0.7664|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -28497.9|Mzeq = 647.5|Myeq = 0.0|Ss = -1469.9 ( 0.561)

P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 571- 796) 1469
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 12752.1| 0.0| 18.1|
| 1- 1| 0.0| 0.0| 0.0| 7429.3| 0.0| 18.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | 501.9| 0.0| 0.0| 501.9|
| 1- 1|si| 5| Tz | 292.4| 0.7| 0.0| 292.4|
| 1- 1|si| 9| Ty | 292.4| 0.0| -3.6| 292.4|
| 5- 1|si| 9| Si | 501.9| 0.0| -3.6| 501.9|
-----
PROGR. 21.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 326.9| 0.0| 0.0| 12749.3| 0.0| 13.6|
| 1- 1| 326.9| 0.0| 0.0| 7426.5| 0.0| 13.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 504.8| 0.0| 0.0| 504.8|
| 1- 1|si| 5| Tz | 289.2| 0.5| 0.0| 289.2|
| 1- 1|si| 9| Ty | 292.3| 0.0| -2.7| 292.3|
| 5- 1|si| 7| Si | 504.8| -0.5| 0.0| 504.8|
-----
PROGR. 41.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 560.4| 0.0| 0.0| 12746.4| 0.0| 9.0|
| 1- 1| 560.4| 0.0| 0.0| 7423.6| 0.0| 9.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | Si | 506.9| 0.0| 0.0| 506.9|
| 1- 1|si| 5| Tz | 286.9| 0.4| 0.0| 286.9|
| 1- 1|si| 9| Ty | 292.2| 0.0| -1.8| 292.2|

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Copertura area carburante - Relazione di calcolo

5- 1 si 7	Si	506.9	-0.4	0.0	506.9				

PROGR. 62.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	700.4|	0.0|	0.0|	12743.6|	0.0|	4.5|			
| 1- 1|	700.4|	0.0|	0.0|	7420.8|	0.0|	4.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx	508.1|	0.0|	0.0|	508.1|					
| 1- 1|si| 5| Tz	285.5|	0.2|	0.0|	285.5|					
| 1- 1|si| 9| Ty	292.0|	0.0|	-0.9|	292.0|					
| 5- 1|si| 7| Si	508.1|	-0.2|	0.0|	508.1|					

PROGR. 83.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	747.1|	0.0|	0.0|	12740.8|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx	508.4|	0.0|	0.0|	508.4|					

PROGR. 103.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	700.4|	0.0|	0.0|	12737.9|	0.0|	-4.5|			
| 1- 1|	700.4|	0.0|	0.0|	7415.1|	0.0|	-4.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx	507.9|	0.0|	0.0|	507.9|					
| 1- 1|si| 5| Tz	285.2|	-0.2|	0.0|	285.2|					
| 1- 1|si| 9| Ty	291.8|	0.0|	0.9|	291.8|					
| 5- 1|si| 7| Si	507.9|	0.2|	0.0|	507.9|					

PROGR. 124.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	560.4|	0.0|	0.0|	12735.1|	0.0|	-9.0|			
| 1- 1|	560.4|	0.0|	0.0|	7412.3|	0.0|	-9.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx	506.4|	0.0|	0.0|	506.4|					
| 1- 1|si| 5| Tz	286.4|	-0.4|	0.0|	286.4|					
| 1- 1|si| 9| Ty	291.7|	0.0|	1.8|	291.7|					
| 5- 1|si| 7| Si	506.4|	0.4|	0.0|	506.4|					

PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	326.9|	0.0|	0.0|	12732.2|	0.0|	-13.6|			
| 1- 1|	326.9|	0.0|	0.0|	7409.4|	0.0|	-13.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx	504.1|	0.0|	0.0|	504.1|					
| 1- 1|si| 5| Tz	288.5|	-0.5|	0.0|	288.5|					
| 1- 1|si| 9| Ty	291.6|	0.0|	2.7|	291.6|					
| 5- 1|si| 7| Si	504.1|	0.5|	0.0|	504.1|					

PROGR. 165.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	12729.4|	0.0|	-18.1|			
| 1- 1|	0.0|	0.0|	0.0|	7406.6|	0.0|	-18.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	501.0|	0.0|	0.0|	501.0|					
| 1- 1|si| 5| Tz	291.5|	-0.7|	0.0|	291.5|					
| 1- 1|si| 9| Ty	291.5|	0.0|	3.6|	291.5|					
| 5- 1|si| 9| Si	501.0|	0.0|	3.6|	501.0|					

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
P_HEA120_S005 (5) stato limite ultimo - ASTA (796- 573) 1470									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-9349.3|	0.0|	18.1|			
| 1- 1|	0.0|	0.0|	0.0|	-5456.5|	0.0|	18.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-367.9|	0.0|	0.0|	367.9|					
| 1- 1|si| 5| Tz	-214.7|	0.7|	0.0|	214.7|					
| 1- 1|si| 9| Ty	-214.7|	0.0|	-3.6|	214.8|					
| 5- 1|si| 9| Si	-367.9|	0.0|	-3.6|	368.0|					

PROGR. 21.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	326.9|	0.0|	0.0|	-9346.4|	0.0|	13.6|			
| 1- 1|	326.9|	0.0|	0.0|	-5453.6|	0.0|	13.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-370.9|	0.0|	0.0|	370.9|					
| 1- 1|si| 5| Tz	-217.7|	0.5|	0.0|	217.7|					
| 1- 1|si| 9| Ty	-214.6|	0.0|	-2.7|	214.7|					
| 5- 1|si| 5| Si	-370.9|	0.5|	0.0|	370.9|					

PROGR. 41.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	560.4|	0.0|	0.0|	-9343.6|	0.0|	9.0|			
| 1- 1|	560.4|	0.0|	0.0|	-5450.8|	0.0|	9.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-373.0|	0.0|	0.0|	373.0|					
| 1- 1|si| 5| Tz	-219.8|	0.4|	0.0|	219.8|					
| 1- 1|si| 9| Ty	-214.5|	0.0|	-1.8|	214.5|					

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 5|	Si	-373.0|	0.4|	0.0|	373.0|				

PROGR. 62.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	700.4|	0.0|	0.0|	-9340.8|	0.0|	4.5|			
| 1- 1|	700.4|	0.0|	0.0|	-5447.9|	0.0|	4.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-374.2|	0.0|	0.0|	374.2|					
| 1- 1|si| 5| Tz	-221.0|	0.2|	0.0|	221.0|					
| 1- 1|si| 9| Ty	-214.4|	0.0|	-0.9|	214.4|					
| 5- 1|si| 5| Si	-374.2|	0.2|	0.0|	374.2|					

PROGR. 83.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	747.1|	0.0|	0.0|	-9337.9|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-374.5|	0.0|	0.0|	374.5|					

PROGR. 103.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	700.4|	0.0|	0.0|	-9335.1|	0.0|	-4.5|			
| 1- 1|	700.4|	0.0|	0.0|	-5442.3|	0.0|	-4.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-373.9|	0.0|	0.0|	373.9|					
| 1- 1|si| 5| Tz	-220.7|	-0.2|	0.0|	220.7|					
| 1- 1|si| 9| Ty	-214.2|	0.0|	0.9|	214.2|					
| 5- 1|si| 5| Si	-373.9|	-0.2|	0.0|	373.9|					

PROGR. 124.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	560.4|	0.0|	0.0|	-9332.2|	0.0|	-9.0|			
| 1- 1|	560.4|	0.0|	0.0|	-5439.4|	0.0|	-9.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-372.5|	0.0|	0.0|	372.5|					
| 1- 1|si| 5| Tz	-219.3|	-0.4|	0.0|	219.3|					
| 1- 1|si| 9| Ty	-214.1|	0.0|	1.8|	214.1|					
| 5- 1|si| 5| Si	-372.5|	-0.4|	0.0|	372.5|					

PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	326.9|	0.0|	0.0|	-9329.4|	0.0|	-13.6|			
| 1- 1|	326.9|	0.0|	0.0|	-5436.6|	0.0|	-13.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-370.2|	0.0|	0.0|	370.2|					
| 1- 1|si| 5| Tz	-217.0|	-0.5|	0.0|	217.0|					
| 1- 1|si| 9| Ty	-214.0|	0.0|	2.7|	214.0|					
| 5- 1|si| 5| Si	-370.2|	-0.5|	0.0|	370.2|					

PROGR. 165.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-9326.6|	0.0|	-18.1|			
| 1- 1|	0.0|	0.0|	0.0|	-5433.7|	0.0|	-18.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	-367.0|	0.0|	0.0|	367.0|					
| 1- 1|si| 5| Tz	-213.8|	-0.7|	0.0|	213.8|					
| 1- 1|si| 9| Ty	-213.8|	0.0|	3.6|	213.9|					
| 5- 1|si| 9| Si	-367.0|	0.0|	3.6|	367.1|					

VERIFICA STABILITA` :									
|L0 = 165.1|									
Z |Lc = 165.1|Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|									
Y |Lc = 165.1|Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|									
Caso 5- 1 - Nodo 1 - Asse Y									
Ned = -9349.3|Mzeq = 647.5|Myeq = 0.0|Ss = -486.3 (0.186)									
P_HEA120_S005 (5) stato limite ultimo - ASTA (573- 798) 1471									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-5133.6|	0.0|	18.1|			
| 1- 1|	0.0|	0.0|	0.0|	-2645.8|	0.0|	18.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	-202.0|	0.0|	0.0|	202.0|					
| 1- 1|si| 5| Tz	-104.1|	0.7|	0.0|	104.1|					
| 1- 1|si| 9| Ty	-104.1|	0.0|	-3.6|	104.3|					
| 6- 1|si| 9| Si	-202.0|	0.0|	-3.6|	202.1|					

PROGR. 21.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	326.9|	0.0|	0.0|	-5136.5|	0.0|	13.6|			
| 1- 1|	326.9|	0.0|	0.0|	-2648.6|	0.0|	13.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 1|Sx	-205.2|	0.0|	0.0|	205.2|					
| 1- 1|si| 5| Tz	-107.3|	0.5|	0.0|	107.3|					
| 1- 1|si| 9| Ty	-104.2|	0.0|	-2.7|	104.3|					
| 6- 1|si| 5| Si	-205.2|	0.5|	0.0|	205.2|					

PROGR. 41.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	560.4|	0.0|	0.0|	-5139.3|	0.0|	9.0|			

Copertura area carburante - Relazione di calcolo

| 1- 1|	560.4|	0.0|	0.0|	-2651.4|	0.0|	9.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 1|	Sx	| -207.5|	0.0|	0.0|	207.5|
| 1- 1|	|si| 5|	Tz	| -109.6|	0.4|	0.0|	109.6|
| 1- 1|	|si| 9|	Ty	| -104.3|	0.0|	-1.8|	104.4|
| 6- 1|	|si| 5|	Si	| -207.5|	0.4|	0.0|	207.5|

----- PROGR. 62.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	700.4|	0.0|	0.0|	-5142.1|	0.0|	4.5|
| 1- 1|	700.4|	0.0|	0.0|	-2654.3|	0.0|	4.5|

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 1|	Sx	| -208.9|	0.0|	0.0|	208.9|
| 1- 1|	|si| 5|	Tz	| -111.0|	0.2|	0.0|	111.0|
| 1- 1|	|si| 9|	Ty	| -104.5|	0.0|	-0.9|	104.5|
| 6- 1|	|si| 5|	Si	| -208.9|	0.2|	0.0|	208.9|

----- PROGR. 83.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	747.1|	0.0|	0.0|	-5145.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 1|	Sx	| -209.5|	0.0|	0.0|	209.5|

----- PROGR. 103.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	700.4|	0.0|	0.0|	-5147.8|	0.0|	-4.5|
| 1- 1|	700.4|	0.0|	0.0|	-2660.0|	0.0|	-4.5|

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 1|	Sx	| -209.2|	0.0|	0.0|	209.2|
| 1- 1|	|si| 5|	Tz	| -111.3|	-0.2|	0.0|	111.3|
| 1- 1|	|si| 9|	Ty	| -104.7|	0.0|	0.9|	104.7|
| 6- 1|	|si| 5|	Si	| -209.2|	-0.2|	0.0|	209.2|

----- PROGR. 124.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	560.4|	0.0|	0.0|	-5150.7|	0.0|	-9.0|
| 1- 1|	560.4|	0.0|	0.0|	-2662.8|	0.0|	-9.0|

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 1|	Sx	| -208.0|	0.0|	0.0|	208.0|
| 1- 1|	|si| 5|	Tz	| -110.0|	-0.4|	0.0|	110.1|
| 1- 1|	|si| 9|	Ty	| -104.8|	0.0|	1.8|	104.8|
| 6- 1|	|si| 5|	Si	| -208.0|	-0.4|	0.0|	208.0|

----- PROGR. 145.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	326.9|	0.0|	0.0|	-5153.5|	0.0|	-13.6|
| 1- 1|	326.9|	0.0|	0.0|	-2665.6|	0.0|	-13.6|

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 1|	Sx	| -205.9|	0.0|	0.0|	205.9|
| 1- 1|	|si| 5|	Tz	| -108.0|	-0.5|	0.0|	108.0|
| 1- 1|	|si| 9|	Ty	| -104.9|	0.0|	2.7|	105.0|
| 6- 1|	|si| 5|	Si	| -205.9|	-0.5|	0.0|	205.9|

----- PROGR. 165.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-5156.3|	0.0|	-18.1|
| 1- 1|	0.0|	0.0|	0.0|	-2668.5|	0.0|	-18.1|

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 1|	Sx	| -202.9|	0.0|	0.0|	202.9|
| 1- 1|	|si| 5|	Tz	| -105.0|	-0.7|	0.0|	105.0|
| 1- 1|	|si| 9|	Ty	| -105.0|	0.0|	3.6|	105.2|
| 6- 1|	|si| 9|	Si	| -202.9|	0.0|	3.6|	203.0|

VERIFICA STABILITA` :

|L0 = 165. |
 Z |Lc = 165. |Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|
 Y |Lc = 165. |Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -5156.3|Mzeq = 647.5|Myeq = 0.0|Ss = -270.9 (0.103)

P_HEA120_S005 (5) stato limite ultimo - ASTA (798- 575) 1472
 ----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	8536.1|	0.0|	18.1|
| 1- 1|	0.0|	0.0|	0.0|	4582.0|	0.0|	18.1|

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 1|	Sx	| 335.9|	0.0|	0.0|	335.9|
| 1- 1|	|si| 5|	Tz	| 180.3|	0.7|	0.0|	180.3|
| 1- 1|	|si| 9|	Ty	| 180.3|	0.0|	-3.6|	180.4|
| 6- 1|	|si| 9|	Si	| 335.9|	0.0|	-3.6|	336.0|

----- PROGR. 21.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	326.9|	0.0|	0.0|	8539.0|	0.0|	13.6|
| 1- 1|	326.9|	0.0|	0.0|	4584.8|	0.0|	13.6|

TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si| 3|	Sx	| 339.1|	0.0|	0.0|	339.1|
| 1- 1|	|si| 5|	Tz	| 177.4|	0.5|	0.0|	177.4|

Copertura area carburante - Relazione di calcolo

| 1- 1|si| 9|	Ty	|	180.4|	0.0|	-2.7|	180.5|	
| 6- 1|si| 7|	Si	|	339.1|	-0.5|	0.0|	339.1|	

----- PROGR. 41.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	560.4|		0.0|		0.0|		8541.8|		0.0|		9.0|	
| 1- 1|	560.4|		0.0|		0.0|		4587.7|		0.0|		9.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	|	341.4|	0.0|	0.0|	0.0|	341.4|		
| 1- 1|si| 5|	Tz	|	175.3|	0.4|	0.0|	175.3|		
| 1- 1|si| 9|	Ty	|	180.5|	0.0|	-1.8|	180.6|		
| 6- 1|si| 7|	Si	|	341.4|	-0.4|	0.0|	341.4|		

----- PROGR. 62.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	700.4|		0.0|		0.0|		8544.7|		0.0|		4.5|	
| 1- 1|	700.4|		0.0|		0.0|		4590.5|		0.0|		4.5|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	|	342.8|	0.0|	0.0|	0.0|	342.8|		
| 1- 1|si| 5|	Tz	|	174.1|	0.2|	0.0|	174.1|		
| 1- 1|si| 9|	Ty	|	180.7|	0.0|	-0.9|	180.7|		
| 6- 1|si| 7|	Si	|	342.8|	-0.2|	0.0|	342.8|		

----- PROGR. 83.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	747.1|		0.0|		0.0|		8547.5|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	|	343.4|	0.0|	0.0|	0.0|	343.4|		

----- PROGR. 103.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	700.4|		0.0|		0.0|		8550.3|		0.0|		-4.5|	
| 1- 1|	700.4|		0.0|		0.0|		4596.2|		0.0|		-4.5|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	|	343.1|	0.0|	0.0|	0.0|	343.1|		
| 1- 1|si| 5|	Tz	|	174.3|	-0.2|	0.0|	174.3|		
| 1- 1|si| 9|	Ty	|	180.9|	0.0|	0.9|	180.9|		
| 6- 1|si| 7|	Si	|	343.1|	0.2|	0.0|	343.1|		

----- PROGR. 124.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	560.4|		0.0|		0.0|		8553.2|		0.0|		-9.0|	
| 1- 1|	560.4|		0.0|		0.0|		4599.0|		0.0|		-9.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	|	341.9|	0.0|	0.0|	0.0|	341.9|		
| 1- 1|si| 5|	Tz	|	175.7|	-0.4|	0.0|	175.7|		
| 1- 1|si| 9|	Ty	|	181.0|	0.0|	1.8|	181.0|		
| 6- 1|si| 7|	Si	|	341.9|	0.4|	0.0|	341.9|		

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	326.9|		0.0|		0.0|		8556.0|		0.0|		-13.6|	
| 1- 1|	326.9|		0.0|		0.0|		4601.9|		0.0|		-13.6|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	|	339.8|	0.0|	0.0|	0.0|	339.8|		
| 1- 1|si| 5|	Tz	|	178.0|	-0.5|	0.0|	178.0|		
| 1- 1|si| 9|	Ty	|	181.1|	0.0|	2.7|	181.2|		
| 6- 1|si| 7|	Si	|	339.8|	0.5|	0.0|	339.8|		

----- PROGR. 165.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		8558.9|		0.0|		-18.1|	
| 1- 1|	0.0|		0.0|		0.0|		4604.7|		0.0|		-18.1|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx	|	336.8|	0.0|	0.0|	0.0|	336.8|		
| 1- 1|si| 5|	Tz	|	181.2|	-0.7|	0.0|	181.2|		
| 1- 1|si| 9|	Ty	|	181.2|	0.0|	3.6|	181.3|		
| 6- 1|si| 9|	Si	|	336.8|	0.0|	3.6|	336.9|		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5)	stato limite ultimo - ASTA (575- 800)	1473
		0.

----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-23371.4|		0.0|		18.1|	
| 1- 1|	0.0|		0.0|		0.0|		-12989.5|		0.0|		18.1|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx	|	-919.8|	0.0|	0.0|	0.0|	919.8|		
| 1- 1|si| 5|	Tz	|	-511.2|	0.7|	0.0|	511.2|		
| 1- 1|si| 9|	Ty	|	-511.2|	0.0|	-3.6|	511.2|		
| 6- 1|si| 9|	Si	|	-919.8|	0.0|	-3.6|	919.8|		

----- PROGR. 21.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	326.9|		0.0|		0.0|		-23374.3|		0.0|		13.6|	
| 1- 1|	326.9|		0.0|		0.0|		-12992.3|		0.0|		13.6|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx	|	-922.9|	0.0|	0.0|	0.0|	922.9|		
| 1- 1|si| 5|	Tz	|	-514.4|	0.5|	0.0|	514.4|		

Copertura area carburante - Relazione di calcolo

| 1- 1|si| 9|	Ty	|	-511.3|	0.0|	-2.7|	511.3|	
| 6- 1|si| 5|	Si	|	-922.9|	0.5|	0.0|	922.9|	

----- PROGR. 41.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	560.4|		0.0|		0.0|		-23377.1|		0.0|		9.0|	
| 1- 1|	560.4|		0.0|		0.0|		-12995.2|		0.0|		9.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx |	-925.2|		0.0|		0.0|		925.2|	
| 1- 1|si| 5| Tz |	-516.7|		0.4|		0.0|		516.7|	
| 1- 1|si| 9| Ty |	-511.4|		0.0|		-1.8|		511.4|	
| 6- 1|si| 5| Si |	-925.2|		0.4|		0.0|		925.2|	

----- PROGR. 62.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	700.4|		0.0|		0.0|		-23379.9|		0.0|		4.5|	
| 1- 1|	700.4|		0.0|		0.0|		-12998.0|		0.0|		4.5|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx |	-926.7|		0.0|		0.0|		926.7|	
| 1- 1|si| 5| Tz |	-518.1|		0.2|		0.0|		518.1|	
| 1- 1|si| 9| Ty |	-511.5|		0.0|		-0.9|		511.5|	
| 6- 1|si| 5| Si |	-926.7|		0.2|		0.0|		926.7|	

----- PROGR. 83.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	747.1|		0.0|		0.0|		-23382.8|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx |	-927.2|		0.0|		0.0|		927.2|	

----- PROGR. 103.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	700.4|		0.0|		0.0|		-23385.6|		0.0|		-4.5|	
| 1- 1|	700.4|		0.0|		0.0|		-13003.7|		0.0|		-4.5|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx |	-926.9|		0.0|		0.0|		926.9|	
| 1- 1|si| 5| Tz |	-518.3|		-0.2|		0.0|		518.3|	
| 1- 1|si| 9| Ty |	-511.8|		0.0|		0.9|		511.8|	
| 6- 1|si| 5| Si |	-926.9|		-0.2|		0.0|		926.9|	

----- PROGR. 124.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	560.4|		0.0|		0.0|		-23388.5|		0.0|		-9.0|	
| 1- 1|	560.4|		0.0|		0.0|		-13006.5|		0.0|		-9.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx |	-925.7|		0.0|		0.0|		925.7|	
| 1- 1|si| 5| Tz |	-517.1|		-0.4|		0.0|		517.1|	
| 1- 1|si| 9| Ty |	-511.9|		0.0|		1.8|		511.9|	
| 6- 1|si| 5| Si |	-925.7|		-0.4|		0.0|		925.7|	

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	326.9|		0.0|		0.0|		-23391.3|		0.0|		-13.6|	
| 1- 1|	326.9|		0.0|		0.0|		-13009.4|		0.0|		-13.6|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx |	-923.6|		0.0|		0.0|		923.6|	
| 1- 1|si| 5| Tz |	-515.0|		-0.5|		0.0|		515.0|	
| 1- 1|si| 9| Ty |	-512.0|		0.0|		2.7|		512.0|	
| 6- 1|si| 5| Si |	-923.6|		-0.5|		0.0|		923.6|	

----- PROGR. 165.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-23394.1|		0.0|		-18.1|	
| 1- 1|	0.0|		0.0|		0.0|		-13012.2|		0.0|		-18.1|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx |	-920.7|		0.0|		0.0|		920.7|	
| 1- 1|si| 5| Tz |	-512.1|		-0.7|		0.0|		512.1|	
| 1- 1|si| 9| Ty |	-512.1|		0.0|		3.6|		512.1|	
| 6- 1|si| 9| Si |	-920.7|		0.0|		3.6|		920.7|	

VERIFICA STABILITA` :

|L0 = 165.1
 Z |Lc = 165.1|Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|
 Y |Lc = 165.1|Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -23394.1|Mzeq = 647.5|Myeq = 0.0|Ss = -1207.7 (0.461)

P_HEA120_S005 (5) stato limite ultimo - ASTA (800- 328) 1474
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		27144.0|		0.0|		18.1|	
| 1- 1|	0.0|		0.0|		0.0|		15118.2|		0.0|		18.1|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx |	1068.2|		0.0|		0.0|		1068.2|	
| 1- 1|si| 5| Tz |	595.0|		0.7|		0.0|		595.0|	
1- 1 si 9 Ty	595.0		0.0		-3.6		595.0	
6- 1 si 9 Si	1068.2		0.0		-3.6		1068.3	

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY	
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Copertura area carburante - Relazione di calcolo

6- 1	326.9	0.0	0.0	27146.9	0.0	13.6
| 1- 1|	326.9|	0.0|	0.0|	15121.0|	0.0|	13.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	1071.4|	0.0|	0.0|	1071.4|
| 1- 1|si| 5| Tz |	592.0|	0.5|	0.0|	592.0|
| 1- 1|si| 9| Ty |	595.1|	0.0|	-2.7|	595.1|
| 6- 1|si| 7| Si |	1071.4|	-0.5|	0.0|	1071.4|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	560.4|	0.0|	0.0|	27149.7|	0.0|	9.0|
| 1- 1|	560.4|	0.0|	0.0|	15123.8|	0.0|	9.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	1073.7|	0.0|	0.0|	1073.7|
| 1- 1|si| 5| Tz |	589.9|	0.4|	0.0|	589.9|
| 1- 1|si| 9| Ty |	595.2|	0.0|	-1.8|	595.2|
| 6- 1|si| 7| Si |	1073.7|	-0.4|	0.0|	1073.7|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	700.4|	0.0|	0.0|	27152.5|	0.0|	4.5|
| 1- 1|	700.4|	0.0|	0.0|	15126.7|	0.0|	4.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	1075.1|	0.0|	0.0|	1075.1|
| 1- 1|si| 5| Tz |	588.7|	0.2|	0.0|	588.7|
| 1- 1|si| 9| Ty |	595.3|	0.0|	-0.9|	595.3|
| 6- 1|si| 7| Si |	1075.1|	-0.2|	0.0|	1075.1|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	747.1|	0.0|	0.0|	27155.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	1075.7|	0.0|	0.0|	1075.7|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	700.4|	0.0|	0.0|	27158.2|	0.0|	-4.5|
| 1- 1|	700.4|	0.0|	0.0|	15132.4|	0.0|	-4.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	1075.4|	0.0|	0.0|	1075.4|
| 1- 1|si| 5| Tz |	589.0|	-0.2|	0.0|	589.0|
| 1- 1|si| 9| Ty |	595.5|	0.0|	0.9|	595.5|
| 6- 1|si| 7| Si |	1075.4|	0.2|	0.0|	1075.4|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	560.4|	0.0|	0.0|	27161.1|	0.0|	-9.0|
| 1- 1|	560.4|	0.0|	0.0|	15135.2|	0.0|	-9.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	1074.2|	0.0|	0.0|	1074.2|
| 1- 1|si| 5| Tz |	590.4|	-0.4|	0.0|	590.4|
| 1- 1|si| 9| Ty |	595.6|	0.0|	1.8|	595.6|
| 6- 1|si| 7| Si |	1074.2|	0.4|	0.0|	1074.2|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	326.9|	0.0|	0.0|	27163.9|	0.0|	-13.6|
| 1- 1|	326.9|	0.0|	0.0|	15138.0|	0.0|	-13.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |	1072.1|	0.0|	0.0|	1072.1|
| 1- 1|si| 5| Tz |	592.7|	-0.5|	0.0|	592.7|
| 1- 1|si| 9| Ty |	595.7|	0.0|	2.7|	595.8|
| 6- 1|si| 7| Si |	1072.1|	0.5|	0.0|	1072.1|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	27166.7|	0.0|	-18.1|
| 1- 1|	0.0|	0.0|	0.0|	15140.9|	0.0|	-18.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	1069.1|	0.0|	0.0|	1069.1|
| 1- 1|si| 5| Tz |	595.9|	-0.7|	0.0|	595.9|
| 1- 1|si| 9| Ty |	595.9|	0.0|	3.6|	595.9|
| 6- 1|si| 9| Si |	1069.1|	0.0|	3.6|	1069.1|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	23021.0|	0.0|	18.7|
| 6- 1|	0.0|	0.0|	0.0|	22582.5|	0.0|	18.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	906.0|	0.0|	0.0|	906.0|
| 6- 1|si| 5| Tz |	888.7|	0.7|	0.0|	888.7|
| 6- 1|si| 9| Ty |	888.7|	0.0|	-3.7|	888.7|
| 5- 1|si| 9| Si |	906.0|	0.0|	-3.7|	906.0|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	23021.0|	0.0|	18.7|
| 6- 1|	0.0|	0.0|	0.0|	22582.5|	0.0|	18.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	906.0|	0.0|	0.0|	906.0|
| 6- 1|si| 5| Tz |	888.7|	0.7|	0.0|	888.7|
| 6- 1|si| 9| Ty |	888.7|	0.0|	-3.7|	888.7|
| 5- 1|si| 9| Si |	906.0|	0.0|	-3.7|	906.0|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	23021.0|	0.0|	18.7|
| 6- 1|	0.0|	0.0|	0.0|	22582.5|	0.0|	18.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	906.0|	0.0|	0.0|	906.0|
| 6- 1|si| 5| Tz |	888.7|	0.7|	0.0|	888.7|
| 6- 1|si| 9| Ty |	888.7|	0.0|	-3.7|	888.7|
| 5- 1|si| 9| Si |	906.0|	0.0|	-3.7|	906.0|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	23021.0|	0.0|	18.7|
| 6- 1|	0.0|	0.0|	0.0|	22582.5|	0.0|	18.7|

Copertura area carburante - Relazione di calcolo

| 5- 1|	347.3|	0.0|	0.0|	23018.1|	0.0|	14.0|
| 6- 1|	347.3|	0.0|	0.0|	22579.7|	0.0|	14.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx |	909.1|	0.0|	0.0|	909.1|
| 5- 1|si| 5| Tz |	902.6|	0.6|	0.0|	902.6|
| 6- 1|si| 9| Ty |	888.6|	0.0|	-2.8|	888.6|
| 5- 1|si| 7| Si |	909.1|	-0.6|	0.0|	909.1|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	595.3|	0.0|	0.0|	23015.3|	0.0|	9.4|
| 6- 1|	595.3|	0.0|	0.0|	22576.8|	0.0|	9.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx |	911.3|	0.0|	0.0|	911.3|
| 6- 1|si| 5| Tz |	882.9|	0.4|	0.0|	882.9|
| 6- 1|si| 9| Ty |	888.5|	0.0|	-1.8|	888.5|
| 5- 1|si| 7| Si |	911.3|	-0.4|	0.0|	911.3|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	744.1|	0.0|	0.0|	23012.4|	0.0|	4.7|
| 6- 1|	744.1|	0.0|	0.0|	22574.0|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx |	912.6|	0.0|	0.0|	912.6|
| 6- 1|si| 5| Tz |	881.4|	0.2|	0.0|	881.4|
| 6- 1|si| 9| Ty |	888.4|	0.0|	-0.9|	888.4|
| 5- 1|si| 7| Si |	912.6|	-0.2|	0.0|	912.6|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	793.7|	0.0|	0.0|	23009.6|	0.0|	0.0|
| 6- 1|	793.7|	0.0|	0.0|	22571.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx |	913.0|	0.0|	0.0|	913.0|
| 6- 1|si| 5| Tz |	880.8|	0.0|	0.0|	880.8|
| 6- 1|si| 9| Ty |	888.3|	0.0|	0.0|	888.3|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	744.1|	0.0|	0.0|	23006.8|	0.0|	-4.7|
| 8- 2|	744.1|	0.0|	0.0|	6246.2|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx |	912.4|	0.0|	0.0|	912.4|
| 5- 1|si| 6| Tz |	898.4|	0.2|	0.0|	898.4|
| 8- 2|si| 9| Ty |	245.8|	0.0|	0.9|	245.8|
| 5- 1|si| 7| Si |	912.4|	0.2|	0.0|	912.4|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	595.3|	0.0|	0.0|	23003.9|	0.0|	-9.4|
| 8- 2|	595.3|	0.0|	0.0|	6243.4|	0.0|	-9.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx |	910.9|	0.0|	0.0|	910.9|
| 5- 1|si| 6| Tz |	899.7|	0.4|	0.0|	899.7|
| 8- 2|si| 9| Ty |	245.7|	0.0|	1.8|	245.7|
| 5- 1|si| 7| Si |	910.9|	0.4|	0.0|	910.9|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	347.3|	0.0|	0.0|	23001.1|	0.0|	-14.0|
| 8- 2|	347.3|	0.0|	0.0|	6240.5|	0.0|	-14.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx |	908.5|	0.0|	0.0|	908.5|
| 5- 1|si| 6| Tz |	901.9|	0.6|	0.0|	901.9|
| 8- 2|si| 9| Ty |	245.6|	0.0|	2.8|	245.6|
| 5- 1|si| 8| Si |	908.5|	-0.6|	0.0|	908.5|

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	22998.2|	0.0|	-18.7|
| 8- 2|	0.0|	0.0|	0.0|	6237.7|	0.0|	-18.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	905.1|	0.0|	0.0|	905.1|
| 5- 1|si| 6| Tz |	905.1|	0.7|	0.0|	905.1|
| 8- 2|si| 9| Ty |	245.5|	0.0|	3.7|	245.6|
| 5- 1|si| 9| Si |	905.1|	0.0|	3.7|	905.1|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (802- 625) 1476
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-19196.5|	0.0|	18.7|
| 6- 1|	0.0|	0.0|	0.0|	-18741.3|	0.0|	18.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-755.5|	0.0|	0.0|	755.5|
| 6- 1|si| 6| Tz |	-737.6|	-0.7|	0.0|	737.6|
5- 1 si 9 TySi	-755.5	0.0	-3.7	755.5

----- PROGR. 21.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 347.3 | 0.0 | 0.0 | -19193.7 | 0.0 | 14.0 |
| 6- 1 | 347.3 | 0.0 | 0.0 | -18738.4 | 0.0 | 14.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -758.6 | 0.0 | 0.0 | 758.6 |
| 6- 1|si| 6 | Tz | -740.7 | -0.6 | 0.0 | 740.7 |
| 6- 1|si| 9 | Ty | -737.4 | 0.0 | -2.8 | 737.5 |
| 5- 1|si| 5 | Si | -758.6 | 0.6 | 0.0 | 758.6 |
-----
PROGR. 42.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 595.3 | 0.0 | 0.0 | -19190.8 | 0.0 | 9.4 |
| 6- 1 | 595.3 | 0.0 | 0.0 | -18735.6 | 0.0 | 9.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -760.8 | 0.0 | 0.0 | 760.8 |
| 6- 1|si| 6 | Tz | -742.9 | -0.4 | 0.0 | 742.9 |
| 6- 1|si| 9 | Ty | -737.3 | 0.0 | -1.8 | 737.3 |
| 5- 1|si| 5 | Si | -760.8 | 0.4 | 0.0 | 760.8 |
-----
PROGR. 64.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 744.1 | 0.0 | 0.0 | -19188.0 | 0.0 | 4.7 |
| 6- 1 | 744.1 | 0.0 | 0.0 | -18732.7 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -762.1 | 0.0 | 0.0 | 762.1 |
| 6- 1|si| 6 | Tz | -744.2 | -0.2 | 0.0 | 744.2 |
| 6- 1|si| 9 | Ty | -737.2 | 0.0 | -0.9 | 737.2 |
| 5- 1|si| 5 | Si | -762.1 | 0.2 | 0.0 | 762.1 |
-----
PROGR. 85.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 793.7 | 0.0 | 0.0 | -19185.1 | 0.0 | 0.0 |
| 6- 1 | 793.7 | 0.0 | 0.0 | -18729.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -762.5 | 0.0 | 0.0 | 762.5 |
| 6- 1|si| 6 | Tz | -744.5 | 0.0 | 0.0 | 744.5 |
| 6- 1|si| 9 | Ty | -737.1 | 0.0 | 0.0 | 737.1 |
-----
PROGR. 106.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 744.1 | 0.0 | 0.0 | -19182.3 | 0.0 | -4.7 |
| 6- 1 | 744.1 | 0.0 | 0.0 | -18727.1 | 0.0 | -4.7 |
| 8- 2 | 744.1 | 0.0 | 0.0 | -5302.8 | 0.0 | -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -761.9 | 0.0 | 0.0 | 761.9 |
| 6- 1|si| 5 | Tz | -744.0 | -0.2 | 0.0 | 744.0 |
| 8- 2|si| 9 | Ty | -208.7 | 0.0 | 0.9 | 208.7 |
| 5- 1|si| 6 | Si | -761.9 | 0.2 | 0.0 | 761.9 |
-----
PROGR. 127.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 595.3 | 0.0 | 0.0 | -19179.5 | 0.0 | -9.4 |
| 8- 2 | 595.3 | 0.0 | 0.0 | -5300.0 | 0.0 | -9.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -760.4 | 0.0 | 0.0 | 760.4 |
| 5- 1|si| 5 | Tz | -760.4 | -0.4 | 0.0 | 760.4 |
| 8- 2|si| 9 | Ty | -208.6 | 0.0 | 1.8 | 208.6 |
| 5- 1|si| 6 | Si | -760.4 | 0.4 | 0.0 | 760.4 |
-----
PROGR. 148.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 347.3 | 0.0 | 0.0 | -19176.6 | 0.0 | -14.0 |
| 8- 2 | 347.3 | 0.0 | 0.0 | -5297.2 | 0.0 | -14.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -757.9 | 0.0 | 0.0 | 757.9 |
| 5- 1|si| 5 | Tz | -757.9 | -0.6 | 0.0 | 757.9 |
| 8- 2|si| 9 | Ty | -208.5 | 0.0 | 2.8 | 208.5 |
| 5- 1|si| 6 | Si | -757.9 | 0.6 | 0.0 | 757.9 |
-----
PROGR. 170.

SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 0.0 | 0.0 | 0.0 | -19173.8 | 0.0 | -18.7 |
| 6- 1 | 0.0 | 0.0 | 0.0 | -18718.5 | 0.0 | -18.7 |
| 7- 2 | 0.0 | 0.0 | 0.0 | -4535.6 | 0.0 | -18.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -754.6 | 0.0 | 0.0 | 754.6 |
| 6- 1|si| 5 | Tz | -736.7 | -0.7 | 0.0 | 736.7 |
| 7- 2|si| 9 | Ty | -178.5 | 0.0 | 3.7 | 178.6 |
| 5- 1|si| 9 | Si | -754.6 | 0.0 | 3.7 | 754.6 |
-----
PROGR. 0.

VERIFICA STABILITA` :
|L0 = 170. |
Z |Lc = 170. |Ro = 4.89 |lm = 34.7 |Ncr= 437761.3 |alfa (b) = 0.3400 |ki = 0.9263 |
Y |Lc = 170. |Ro = 3.01 |lm = 56.3 |Ncr= 166378.0 |alfa (c) = 0.4900 |ki = 0.7565 |
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -19196.5 |Mzeq = 687.9 |Myeq = 0.0 |Ss = -1005.3 ( 0.384)

P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 625- 804) 1477
-----
PROGR. 0.

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Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
| 12-12 |	0.0	0.0	0.0	3293.2	0.0	14.4	
| 5- 1 |	0.0	0.0	0.0	2763.2	0.0	18.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 1 | Sx	129.6	0.0	0.0	129.6		
| 5- 1 |	si | 5 | Tz	108.7	0.7	0.0	108.8		
| 5- 1 |	si | 9 | Ty	108.7	0.0	-3.7	108.9		
| 12-12 |	si | 9 | Si	129.6	0.0	-2.8	129.7		
-----							PROGR. 21.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-12 |	267.1	0.0	0.0	3291.0	0.0	10.8	
| 5- 1 |	347.3	0.0	0.0	2760.4	0.0	14.0	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 3 | Sx	132.0	0.0	0.0	132.0		
| 5- 1 |	si | 5 | Tz	105.4	0.6	0.0	105.4		
| 5- 1 |	si | 9 | Ty	108.6	0.0	-2.8	108.7		
| 12-12 |	si | 7 | Si	132.0	-0.4	0.0	132.0		
-----							PROGR. 42.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-12 |	457.9	0.0	0.0	3288.8	0.0	7.2	
| 5- 1 |	595.3	0.0	0.0	2757.5	0.0	9.4	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 3 | Sx	133.7	0.0	0.0	133.7		
| 5- 1 |	si | 5 | Tz	102.9	0.4	0.0	102.9		
| 5- 1 |	si | 9 | Ty	108.5	0.0	-1.8	108.6		
| 12-12 |	si | 7 | Si	133.7	-0.3	0.0	133.7		
-----							PROGR. 64.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-12 |	572.4	0.0	0.0	3286.6	0.0	3.6	
| 5- 1 |	744.1	0.0	0.0	2754.7	0.0	4.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 3 | Sx	134.7	0.0	0.0	134.7		
| 5- 1 |	si | 5 | Tz	101.4	0.2	0.0	101.4		
| 5- 1 |	si | 9 | Ty	108.4	0.0	-0.9	108.4		
| 12-12 |	si | 7 | Si	134.7	-0.1	0.0	134.7		
-----							PROGR. 85.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-12 |	610.6	0.0	0.0	3284.4	0.0	0.0	
| 5- 1 |	793.7	0.0	0.0	2751.9	0.0	0.0	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 3 | Sx	135.0	0.0	0.0	135.0		
| 5- 1 |	si | 5 | Tz	100.9	0.0	0.0	100.9		
| 5- 1 |	si | 9 | Ty	108.3	0.0	0.0	108.3		
-----							PROGR. 106.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-12 |	572.4	0.0	0.0	3282.3	0.0	-3.6	
| 6- 1 |	744.1	0.0	0.0	2265.2	0.0	-4.7	
| 7- 2 |	744.1	0.0	0.0	664.3	0.0	-4.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 3 | Sx	134.5	0.0	0.0	134.5		
| 6- 1 |	si | 6 | Tz	82.2	0.2	0.0	82.2		
| 7- 2 |	si | 9 | Ty	26.1	0.0	0.9	26.2		
| 12-12 |	si | 8 | Si	134.5	-0.1	0.0	134.5		
-----							PROGR. 127.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-12 |	457.9	0.0	0.0	3280.1	0.0	-7.2	
| 6- 1 |	595.3	0.0	0.0	2262.4	0.0	-9.4	
| 7- 2 |	595.3	0.0	0.0	661.5	0.0	-9.4	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 3 | Sx	133.4	0.0	0.0	133.4		
| 6- 1 |	si | 6 | Tz	83.5	0.4	0.0	83.5		
| 7- 2 |	si | 9 | Ty	26.0	0.0	1.8	26.2		
| 12-12 |	si | 8 | Si	133.4	-0.3	0.0	133.4		
-----							PROGR. 148.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-12 |	267.1	0.0	0.0	3277.9	0.0	-10.8	
| 6- 1 |	347.3	0.0	0.0	2259.5	0.0	-14.0	
| 7- 2 |	347.3	0.0	0.0	658.6	0.0	-14.0	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 3 | Sx	131.5	0.0	0.0	131.5		
| 6- 1 |	si | 6 | Tz	85.7	0.6	0.0	85.7		
| 7- 2 |	si | 9 | Ty	25.9	0.0	2.8	26.4		
| 12-12 |	si | 8 | Si	131.5	-0.4	0.0	131.5		
-----							PROGR. 170.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-12 |	0.0	0.0	0.0	3275.7	0.0	-14.4	
| 5- 1 |	0.0	0.0	0.0	2740.5	0.0	-18.7	
| 7- 2 |	0.0	0.0	0.0	655.8	0.0	-18.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-12 |	si | 2 | Sx	128.9	0.0	0.0	128.9		
| 5- 1 |	si | 6 | Tz	107.9	0.7	0.0	107.9		
| 7- 2 |	si | 9 | Ty	25.8	0.0	3.7	26.6		

Copertura area carburante - Relazione di calcolo

| 12-12|si| 9| Si| 128.9| 0.0| 2.8| 129.0|

VERIFICA STABILITA` :

|L0 = 170.1
 Z |Lc = 170.1|Ro = 4.89|lm = 34.7|Ncr= 437761.3|alfa(b)=0.3400|ki=0.9263|
 Y |Lc = 170.1|Ro = 3.01|lm = 56.3|Ncr= 166378.0|alfa(c)=0.4900|ki=0.7565|
 Caso12- 5 - Nodo 1 - Asse Y
 Ned = -1780.6|Mzeq = 529.2|Myeq = 0.0|Ss = -97.6 (0.037)

P_HEA120_S005 (5) stato limite ultimo - ASTA (804- 627) 1478
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	0.0|	0.0|	0.0|	2678.7|	0.0|	14.4|
6- 1|	0.0|	0.0|	0.0|	1332.1|	0.0|	18.7|
7- 2|	0.0|	0.0|	0.0|	211.7|	0.0|	18.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7|si| 1|Sx				105.4|	0.0|	0.0|	105.4|
6- 1|si| 6| Tz				52.4|	-0.7|	0.0|	52.4|
7- 2|si| 9| Ty				8.3|	0.0|	-3.7|	10.5|
12- 7|si| 9| Si				105.4|	0.0|	-2.8|	105.5|

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	267.1|	0.0|	0.0|	2680.9|	0.0|	10.8|
5- 1|	347.3|	0.0|	0.0|	785.3|	0.0|	14.0|
4- 2|	347.3|	0.0|	0.0|	-244.4|	0.0|	14.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7|si| 4|Sx				108.0|	0.0|	0.0|	108.0|
5- 1|si| 6| Tz				27.6|	-0.6|	0.0|	27.7|
4- 2|si| 9| Ty				-9.6|	0.0|	-2.8|	10.7|
12- 7|si| 7| Si				108.0|	-0.4|	0.0|	108.0|

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	457.9|	0.0|	0.0|	2683.1|	0.0|	7.2|
5- 1|	595.3|	0.0|	0.0|	788.2|	0.0|	9.4|
8- 2|	595.3|	0.0|	0.0|	-698.6|	0.0|	9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7|si| 4|Sx				109.9|	0.0|	0.0|	109.9|
5- 1|si| 6| Tz				25.4|	-0.4|	0.0|	25.4|
8- 2|si| 9| Ty				-27.5|	0.0|	-1.8|	27.7|
12- 7|si| 7| Si				109.9|	-0.3|	0.0|	109.9|

----- PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	572.4|	0.0|	0.0|	2685.2|	0.0|	3.6|
6- 1|	744.1|	0.0|	0.0|	1340.6|	0.0|	4.7|
8- 2|	744.1|	0.0|	0.0|	-695.8|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7|si| 4|Sx				111.0|	0.0|	0.0|	111.0|
6- 1|si| 6| Tz				45.8|	-0.2|	0.0|	45.8|
8- 2|si| 9| Ty				-27.4|	0.0|	-0.9|	27.4|
12- 7|si| 7| Si				111.0|	-0.1|	0.0|	111.0|

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	610.6|	0.0|	0.0|	2687.4|	0.0|	0.0|
6- 1|	793.7|	0.0|	0.0|	1343.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7|si| 4|Sx				111.5|	0.0|	0.0|	111.5|
6- 1|si| 5| Tz				45.4|	0.0|	0.0|	45.4|
6- 1|si| 9| Ty				52.9|	0.0|	0.0|	52.9|

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	572.4|	0.0|	0.0|	2689.6|	0.0|	-3.6|
6- 1|	744.1|	0.0|	0.0|	1346.3|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7|si| 4|Sx				111.2|	0.0|	0.0|	111.2|
6- 1|si| 5| Tz				46.0|	-0.2|	0.0|	46.0|
6- 1|si| 9| Ty				53.0|	0.0|	0.9|	53.0|
12- 7|si| 7| Si				111.2|	0.1|	0.0|	111.2|

----- PROGR. 127.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	457.9|	0.0|	0.0|	2691.8|	0.0|	-7.2|
6- 1|	595.3|	0.0|	0.0|	1349.2|	0.0|	-9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7|si| 4|Sx				110.2|	0.0|	0.0|	110.2|
6- 1|si| 5| Tz				47.5|	-0.4|	0.0|	47.5|
6- 1|si| 9| Ty				53.1|	0.0|	1.8|	53.2|
12- 7|si| 7| Si				110.2|	0.3|	0.0|	110.2|

----- PROGR. 148.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7|	267.1|	0.0|	0.0|	2694.0|	0.0|	-10.8|
6- 1	347.3	0.0	0.0	1352.0	0.0	-14.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7 si 4 Sx				108.5	0.0	0.0	108.5

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6- 1 si 5	Tz		49.9	-0.6	0.0	50.0					
6- 1 si 9	Ty		53.2	0.0	2.8	53.4					
12- 7 si 7	Si		108.5	0.4	0.0	108.5					
							PROGR.	170.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 12- 7|	0.0|	|	0.0|	|	0.0|	|	2696.2|	|	0.0|	|	-14.4|
| 6- 1|	0.0|	|	0.0|	|	0.0|	|	1354.8|	|	0.0|	|	-18.7|
| 5- 1|	0.0|	|	0.0|	|	0.0|	|	805.2|	|	0.0|	|	-18.7|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si				
| 12- 7|si| 1|Sx	|	106.1|	|	0.0|	|	0.0|	106.1|				
| 6- 1|si| 5|	Tz	|	53.3|	-0.7|	|	0.0|	53.3|				
| 5- 1|si| 9|	Ty	|	31.7|	0.0|	|	3.7|	32.3|				
| 12- 7|si| 9|	Si	|	106.1|	0.0|	|	2.8|	106.2|				

VERIFICA STABILITA' :											
|L0 = 170. |											
Z |Lc = 170. |Ro = 4.89|lm = 34.7|Ncr= 437761.3|alfa(b)=0.3400|ki=0.9263|											
Y |Lc = 170. |Ro = 3.01|lm = 56.3|Ncr= 166378.0|alfa(c)=0.4900|ki=0.7565|											
Casol2-10 - Nodo 2 - Asse Y											
Ned = -2273.1|Mzeq = 529.2|Myeq = 0.0|Ss = -123.2 (0.047)											
P_HEA120_S005 (5) stato limite ultimo - ASTA (627- 806) 1479											
							PROGR.	0.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	0.0|	|	0.0|	|	0.0|	|	-17161.5|	|	0.0|	|	18.7|
| 7- 2|	0.0|	|	0.0|	|	0.0|	|	-3878.4|	|	0.0|	|	18.7|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si				
| 6- 1|si| 1|Sx	|	-675.4|	|	0.0|	|	0.0|	675.4|				
| 6- 1|si| 5|	Tz	|	-675.4|	0.7|	|	0.0|	675.4|				
| 7- 2|si| 9|	Ty	|	-152.6|	0.0|	|	-3.7|	152.8|				
| 6- 1|si| 9|	Si	|	-675.4|	0.0|	|	-3.7|	675.4|				
							PROGR.	21.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	347.3|	|	0.0|	|	0.0|	|	-17164.4|	|	0.0|	|	14.0|
| 8- 2|	347.3|	|	0.0|	|	0.0|	|	-2896.9|	|	0.0|	|	14.0|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si				
| 6- 1|si| 1|Sx	|	-678.7|	|	0.0|	|	0.0|	678.7|				
| 6- 1|si| 5|	Tz	|	-678.7|	0.6|	|	0.0|	678.8|				
| 8- 2|si| 9|	Ty	|	-114.0|	0.0|	|	-2.8|	114.1|				
							PROGR.	42.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	595.3|	|	0.0|	|	0.0|	|	-17167.2|	|	0.0|	|	9.4|
| 8- 2|	595.3|	|	0.0|	|	0.0|	|	-2899.7|	|	0.0|	|	9.4|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si				
| 6- 1|si| 1|Sx	|	-681.2|	|	0.0|	|	0.0|	681.2|				
| 6- 1|si| 5|	Tz	|	-681.2|	0.4|	|	0.0|	681.2|				
| 8- 2|si| 9|	Ty	|	-114.1|	0.0|	|	-1.8|	114.2|				
							PROGR.	64.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	744.1|	|	0.0|	|	0.0|	|	-17170.0|	|	0.0|	|	4.7|
| 8- 2|	744.1|	|	0.0|	|	0.0|	|	-2902.5|	|	0.0|	|	4.7|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si				
| 6- 1|si| 1|Sx	|	-682.7|	|	0.0|	|	0.0|	682.7|				
| 6- 1|si| 5|	Tz	|	-682.7|	0.2|	|	0.0|	682.7|				
| 8- 2|si| 9|	Ty	|	-114.2|	0.0|	|	-0.9|	114.2|				
							PROGR.	85.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	793.7|	|	0.0|	|	0.0|	|	-17172.9|	|	0.0|	|	0.0|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si				
| 6- 1|si| 1|Sx	|	-683.3|	|	0.0|	|	0.0|	683.3|				
| 6- 1|si| 6|	Tz	|	-683.3|	0.0|	|	0.0|	683.3|				
| 6- 1|si| 9|	Ty	|	-675.8|	0.0|	|	0.0|	675.8|				
							PROGR.	106.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	744.1|	|	0.0|	|	0.0|	|	-17175.7|	|	0.0|	|	-4.7|
| 5- 1|	744.1|	|	0.0|	|	0.0|	|	-16585.1|	|	0.0|	|	-4.7|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si				
| 6- 1|si| 1|Sx	|	-682.9|	|	0.0|	|	0.0|	682.9|				
| 6- 1|si| 6|	Tz	|	-682.9|	0.2|	|	0.0|	682.9|				
| 5- 1|si| 9|	Ty	|	-652.7|	0.0|	|	0.9|	652.7|				
| 6- 1|si| 5|	Si	|	-682.9|	-0.2|	|	0.0|	682.9|				
							PROGR.	127.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	595.3|	|	0.0|	|	0.0|	|	-17178.6|	|	0.0|	|	-9.4|
TENSIONI (Sz= 0.00) :											
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si				
| 6- 1|si| 1|Sx	|	-681.6|	|	0.0|	|	0.0|	681.6|				
| 6- 1|si| 6|	Tz	|	-681.6|	0.4|	|	0.0|	681.6|				
| 6- 1|si| 9|	Ty	|	-676.1|	0.0|	|	1.8|	676.1|				
| 6- 1|si| 5|	Si	|	-681.6|	-0.4|	|	0.0|	681.6|				
							PROGR.	148.			
SOLLECITAZIONI :											
Caso	MZ		MY		MT		N		TZ		TY

Copertura area carburante - Relazione di calcolo

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| 6- 1|      347.3|      0.0|      0.0| -17181.4|      0.0|     -14.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -679.4|      0.0|      0.0|      679.4|
| 6- 1|si| 6|  Tz |      -679.4|      0.6|      0.0|      679.4|
| 6- 1|si| 9|  Ty |      -676.2|      0.0|      2.8|      676.2|
| 6- 1|si| 5|  Si |      -679.4|     -0.6|      0.0|      679.4|
----- PROGR.      170.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0|     0.0| -17184.2|      0.0|
| 5- 1|      0.0|      0.0|      0.0|     0.0| -16593.6|      0.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx |      -676.3|      0.0|      0.0|      676.3|
| 6- 1|si| 6|  Tz |      -676.3|      0.7|      0.0|      676.3|
| 5- 1|si| 9|  Ty |      -653.0|      0.0|      3.7|      653.1|
| 6- 1|si| 9|  Si |      -676.3|      0.0|      3.7|      676.3|
-----
VERIFICA STABILITA` :
|L0 = 170.0|
Z |Lc = 170.0|Ro = 4.89|lm = 34.7|Ncr= 437761.3|alfa(b )=0.3400|ki=0.9263|
Y |Lc = 170.0|Ro = 3.01|lm = 56.3|Ncr= 166378.0|alfa(c )=0.4900|ki=0.7565|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -17184.2|Mzeq = 687.9|Myeq = 0.0|Ss = -900.6 ( 0.344)

P_HEA120_S005 ( 5)      stato limite ultimo - ASTA ( 806- 346) 1480
----- PROGR.      0.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| 20934.8|      0.0|     18.7|
| 7- 2|      0.0|      0.0|      0.0| 4798.4|      0.0|     18.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      823.9|      0.0|      0.0|      823.9|
| 6- 1|si| 6|  Tz |      823.9|     -0.7|      0.0|      823.9|
| 7- 2|si| 9|  Ty |      188.8|      0.0|     -3.7|      188.9|
| 6- 1|si| 9|  Si |      823.9|      0.0|     -3.7|      823.9|
----- PROGR.      21.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      347.3|      0.0|      0.0| 20937.7|      0.0|     14.0|
| 7- 2|      347.3|      0.0|      0.0| 4801.2|      0.0|     14.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx |      827.2|      0.0|      0.0|      827.2|
| 6- 1|si| 6|  Tz |      820.7|     -0.6|      0.0|      820.7|
| 7- 2|si| 9|  Ty |      188.9|      0.0|     -2.8|      189.0|
| 6- 1|si| 7|  Si |      827.2|     -0.6|      0.0|      827.2|
----- PROGR.      42.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      595.3|      0.0|      0.0| 20940.5|      0.0|      9.4|
| 7- 2|      595.3|      0.0|      0.0| 4804.1|      0.0|      9.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx |      829.7|      0.0|      0.0|      829.7|
| 6- 1|si| 6|  Tz |      818.5|     -0.4|      0.0|      818.5|
| 7- 2|si| 9|  Ty |      189.1|      0.0|     -1.8|      189.1|
| 6- 1|si| 7|  Si |      829.7|     -0.4|      0.0|      829.7|
----- PROGR.      64.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      744.1|      0.0|      0.0| 20943.4|      0.0|      4.7|
| 7- 2|      744.1|      0.0|      0.0| 4806.9|      0.0|      4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx |      831.2|      0.0|      0.0|      831.2|
| 6- 1|si| 6|  Tz |      817.2|     -0.2|      0.0|      817.2|
| 7- 2|si| 9|  Ty |      189.2|      0.0|     -0.9|      189.2|
| 6- 1|si| 7|  Si |      831.2|     -0.2|      0.0|      831.2|
----- PROGR.      85.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      793.7|      0.0|      0.0| 20946.2|      0.0|      0.0|
| 5- 1|      793.7|      0.0|      0.0| 20278.0|      0.0|      0.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx |      831.8|      0.0|      0.0|      831.8|
| 5- 1|si| 5|  Tz |      790.6|      0.0|      0.0|      790.6|
| 5- 1|si| 9|  Ty |      798.0|      0.0|      0.0|      798.0|
----- PROGR.      106.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      744.1|      0.0|      0.0| 20949.0|      0.0|     -4.7|
| 5- 1|      744.1|      0.0|      0.0| 20280.8|      0.0|     -4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx |      831.4|      0.0|      0.0|      831.4|
| 5- 1|si| 5|  Tz |      791.2|     -0.2|      0.0|      791.2|
| 5- 1|si| 9|  Ty |      798.1|      0.0|      0.9|      798.1|
| 6- 1|si| 7|  Si |      831.4|      0.2|      0.0|      831.4|
----- PROGR.      127.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      595.3|      0.0|      0.0| 20951.9|      0.0|     -9.4|
| 5- 1|      595.3|      0.0|      0.0| 20283.6|      0.0|     -9.4|
TENSIONI (Sz=      0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	830.1	0.0	0.0	830.1
5-1	si	5	Tz	792.7	-0.4	0.0	792.7
5-1	si	9	Ty	798.2	0.0	1.8	798.3
6-1	si	7	Si	830.1	0.4	0.0	830.1

----- PROGR. 148.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	347.3	0.0	0.0	20954.7	0.0	-14.0
5-1	347.3	0.0	0.0	20286.5	0.0	-14.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	827.9	0.0	0.0	827.9
5-1	si	5	Tz	795.1	-0.6	0.0	795.1
5-1	si	9	Ty	798.4	0.0	2.8	798.4
6-1	si	7	Si	827.9	0.6	0.0	827.9

----- PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	20957.6	0.0	-18.7
5-1	0.0	0.0	0.0	20289.3	0.0	-18.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	824.8	0.0	0.0	824.8
5-1	si	5	Tz	798.5	-0.7	0.0	798.5
5-1	si	9	Ty	798.5	0.0	3.7	798.5
6-1	si	9	Si	824.8	0.0	3.7	824.8

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.P_HEAL20_S005 (5) stato limite ultimo - ASTA (346- 808) 1481
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	23264.6	0.0	21.9
6-1	0.0	0.0	0.0	22897.0	0.0	21.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	915.6	0.0	0.0	915.6
6-1	si	6	Tz	901.1	-0.9	0.0	901.1
6-1	si	9	Ty	901.1	0.0	-4.3	901.1
5-1	si	9	Si	915.6	0.0	-4.3	915.6

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	459.5	0.0	0.0	23261.8	0.0	16.5
6-1	459.5	0.0	0.0	22894.1	0.0	16.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	919.8	0.0	0.0	919.8
6-1	si	6	Tz	896.7	-0.7	0.0	896.7
6-1	si	9	Ty	901.0	0.0	-3.2	901.0
5-1	si	7	Si	919.8	-0.7	0.0	919.8

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	787.7	0.0	0.0	23258.9	0.0	11.0
6-1	787.7	0.0	0.0	22891.3	0.0	11.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	922.7	0.0	0.0	922.7
6-1	si	6	Tz	893.5	-0.4	0.0	893.5
5-1	si	9	Ty	915.3	0.0	-2.2	915.3
5-1	si	7	Si	922.7	-0.4	0.0	922.7

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	984.6	0.0	0.0	23256.1	0.0	5.5
6-1	984.6	0.0	0.0	22888.4	0.0	5.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	924.5	0.0	0.0	924.5
6-1	si	6	Tz	891.5	-0.2	0.0	891.5
6-1	si	9	Ty	900.8	0.0	-1.1	900.8
5-1	si	7	Si	924.5	-0.2	0.0	924.5

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	1050.3	0.0	0.0	23253.3	0.0	0.0
6-1	1050.3	0.0	0.0	22885.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	925.0	0.0	0.0	925.0
6-1	si	6	Tz	890.8	0.0	0.0	890.8
6-1	si	9	Ty	900.6	0.0	0.0	900.6

----- PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	984.6	0.0	0.0	23250.4	0.0	-5.5
6-1	984.6	0.0	0.0	22882.8	0.0	-5.5
8-2	984.6	0.0	0.0	5659.6	0.0	-5.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	924.2	0.0	0.0	924.2
6-1	si	5	Tz	891.3	-0.2	0.0	891.3
8-2	si	9	Ty	222.7	0.0	1.1	222.7
5-1	si	7	Si	924.2	0.2	0.0	924.2

----- PROGR. 144.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	787.7|	0.0|	0.0|	23247.6|	0.0|	-11.0|
6- 1|	787.7|	0.0|	0.0|	22879.9|	0.0|	-11.0|
8- 2|	787.7|	0.0|	0.0|	5656.7|	0.0|	-11.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx				922.3|	0.0|	0.0|	922.3|
6- 1|si| 5| Tz				893.0|	-0.4|	0.0|	893.0|
8- 2|si| 9| Ty				222.6|	0.0|	2.2|	222.6|
5- 1|si| 7| Si				922.3|	0.4|	0.0|	922.3|

----- PROGR. 167.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	459.5|	0.0|	0.0|	23244.7|	0.0|	-16.5|
6- 1|	459.5|	0.0|	0.0|	22877.1|	0.0|	-16.5|
8- 2|	459.5|	0.0|	0.0|	5653.9|	0.0|	-16.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx				919.1|	0.0|	0.0|	919.1|
6- 1|si| 5| Tz				896.0|	-0.7|	0.0|	896.0|
8- 2|si| 9| Ty				222.5|	0.0|	3.2|	222.6|
5- 1|si| 7| Si				919.1|	0.7|	0.0|	919.1|

----- PROGR. 191.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	23241.9|	0.0|	-21.9|
6- 1|	0.0|	0.0|	0.0|	22874.2|	0.0|	-21.9|
8- 2|	0.0|	0.0|	0.0|	5651.0|	0.0|	-21.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|Sx				914.7|	0.0|	0.0|	914.7|
6- 1|si| 5| Tz				900.2|	-0.9|	0.0|	900.2|
8- 2|si| 9| Ty				222.4|	0.0|	4.3|	222.5|
5- 1|si| 9| Si				914.7|	0.0|	4.3|	914.7|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (808- 661) 1482
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-18542.5|	0.0|	21.9|
6- 1|	0.0|	0.0|	0.0|	-18126.2|	0.0|	21.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-729.7|	0.0|	0.0|	729.7|
6- 1|si| 5| Tz				-713.3|	0.9|	0.0|	713.3|
5- 1|si| 9| TySi				-729.7|	0.0|	-4.3|	729.8|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	459.5|	0.0|	0.0|	-18539.7|	0.0|	16.5|
6- 1|	459.5|	0.0|	0.0|	-18123.3|	0.0|	16.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-733.9|	0.0|	0.0|	733.9|
6- 1|si| 5| Tz				-717.5|	0.7|	0.0|	717.5|
5- 1|si| 9| Ty				-729.6|	0.0|	-3.2|	729.6|
5- 1|si| 5| Si				-733.9|	0.7|	0.0|	733.9|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	787.7|	0.0|	0.0|	-18536.8|	0.0|	11.0|
6- 1|	787.7|	0.0|	0.0|	-18120.5|	0.0|	11.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-736.9|	0.0|	0.0|	736.9|
6- 1|si| 5| Tz				-720.5|	0.4|	0.0|	720.5|
5- 1|si| 9| Ty				-729.5|	0.0|	-2.2|	729.5|
5- 1|si| 5| Si				-736.9|	0.4|	0.0|	736.9|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	984.6|	0.0|	0.0|	-18534.0|	0.0|	5.5|
6- 1|	984.6|	0.0|	0.0|	-18117.6|	0.0|	5.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-738.6|	0.0|	0.0|	738.6|
6- 1|si| 5| Tz				-722.2|	0.2|	0.0|	722.2|
5- 1|si| 9| Ty				-729.4|	0.0|	-1.1|	729.4|
5- 1|si| 5| Si				-738.6|	0.2|	0.0|	738.6|

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	1050.3|	0.0|	0.0|	-18531.1|	0.0|	0.0|
6- 1|	1050.3|	0.0|	0.0|	-18114.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-739.1|	0.0|	0.0|	739.1|
6- 1|si| 5| Tz				-722.7|	0.0|	0.0|	722.7|
6- 1|si| 9| Ty				-712.9|	0.0|	0.0|	712.9|

----- PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	984.6|	0.0|	0.0|	-18528.3|	0.0|	-5.5|
6- 1	984.6	0.0	0.0	-18112.0	0.0	-5.5
8- 2	984.6	0.0	0.0	-4557.2	0.0	-5.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

5- 1 si 1 Sx		-738.4	0.0	0.0	738.4
6- 1 si 6 Tz		-722.0	0.2	0.0	722.0
| 8- 2|si| 9| Ty	|	-179.3|	0.0|	1.1|	179.4|
| 5- 1|si| 5| Si	|	-738.4|	-0.2|	0.0|	738.4|

PROGR. 144.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	787.7|	0.0|	0.0|	-18525.5|	0.0|	-11.0|
| 6- 1|	787.7|	0.0|	0.0|	-18109.1|	0.0|	-11.0|
| 7- 2|	787.7|	0.0|	0.0|	-3860.4|	0.0|	-11.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	-736.4|	0.0|	0.0|	736.4|
| 6- 1|si| 6| Tz	-720.1|	0.4|	0.0|	720.1|
| 7- 2|si| 9| Ty	-151.9|	0.0|	2.2|	152.0|
| 5- 1|si| 5| Si	-736.4|	-0.4|	0.0|	736.4|

PROGR. 167.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	459.5|	0.0|	0.0|	-18522.6|	0.0|	-16.5|
| 6- 1|	459.5|	0.0|	0.0|	-18106.3|	0.0|	-16.5|
| 8- 2|	459.5|	0.0|	0.0|	-4551.5|	0.0|	-16.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	-733.3|	0.0|	0.0|	733.3|
| 6- 1|si| 6| Tz	-716.9|	0.7|	0.0|	716.9|
| 8- 2|si| 9| Ty	-179.1|	0.0|	3.2|	179.2|
| 5- 1|si| 5| Si	-733.3|	-0.7|	0.0|	733.3|

PROGR. 191.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	0.0|	0.0|	0.0|	-18519.8|	0.0|	-21.9|
| 6- 1|	0.0|	0.0|	0.0|	-18103.4|	0.0|	-21.9|
| 8- 2|	0.0|	0.0|	0.0|	-4548.7|	0.0|	-21.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	-728.8|	0.0|	0.0|	728.8|
| 6- 1|si| 6| Tz	-712.4|	0.9|	0.0|	712.5|
| 8- 2|si| 9| Ty	-179.0|	0.0|	4.3|	179.2|
| 5- 1|si| 9| Si	-728.8|	0.0|	4.3|	728.9|

VERIFICA STABILITA' :

L0 = 191.1|
 Z |Lc = 191.1|Ro = 4.89|lm = 39.1|Ncr= 343683.9|alfa(b)=0.3400|ki=0.9053|
 Y |Lc = 191.1|Ro = 3.01|lm = 63.5|Ncr= 130622.5|alfa(c)=0.4900|ki=0.7052|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -18542.5|Mzeq = 910.2|Myeq = 0.0|Ss = -1043.9 (0.399)

P_HEA120_S005 (5) stato limite ultimo - ASTA (661- 810) 1483
 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	0.0|	0.0|	0.0|	-3137.3|	0.0|	21.9|
| 6- 1|	0.0|	0.0|	0.0|	-3083.1|	0.0|	21.9|
| 2- 1|	0.0|	0.0|	0.0|	-2186.0|	0.0|	21.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 8- 1|si| 1|Sx	-123.5|	0.0|	0.0|	123.5|
| 6- 1|si| 6| Tz	-121.3|	-0.9|	0.0|	121.3|
| 2- 1|si| 9| Ty	-86.0|	0.0|	-4.3|	86.4|
| 8- 1|si| 9| Si	-123.5|	0.0|	-4.3|	123.7|

PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	459.5|	0.0|	0.0|	-3140.1|	0.0|	16.5|
| 6- 1|	459.5|	0.0|	0.0|	-3086.0|	0.0|	16.5|
| 2- 1|	459.5|	0.0|	0.0|	-2188.8|	0.0|	16.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 8- 1|si| 2|Sx	-127.9|	0.0|	0.0|	127.9|
| 6- 1|si| 6| Tz	-125.8|	-0.7|	0.0|	125.8|
| 2- 1|si| 9| Ty	-86.1|	0.0|	-3.2|	86.3|
| 8- 1|si| 6| Si	-127.9|	-0.7|	0.0|	127.9|

PROGR. 48.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	787.7|	0.0|	0.0|	-3143.0|	0.0|	11.0|
| 6- 1|	787.7|	0.0|	0.0|	-3088.8|	0.0|	11.0|
| 7- 1|	787.7|	0.0|	0.0|	-2477.1|	0.0|	11.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 8- 1|si| 2|Sx	-131.1|	0.0|	0.0|	131.1|
| 6- 1|si| 6| Tz	-128.9|	-0.4|	0.0|	128.9|
| 7- 1|si| 9| Ty	-97.5|	0.0|	-2.2|	97.6|
| 8- 1|si| 6| Si	-131.1|	-0.4|	0.0|	131.1|

PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	984.6|	0.0|	0.0|	-3145.8|	0.0|	5.5|
| 5- 1|	984.6|	0.0|	0.0|	-2692.1|	0.0|	5.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 8- 1|si| 2|Sx	-133.0|	0.0|	0.0|	133.0|
| 5- 1|si| 6| Tz	-115.2|	-0.2|	0.0|	115.2|
| 5- 1|si| 9| Ty	-105.9|	0.0|	-1.1|	106.0|
| 8- 1|si| 6| Si	-133.0|	-0.2|	0.0|	133.0|

PROGR. 96.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
8- 1|	1050.3|	0.0|	0.0|	-3148.6|	0.0|	0.0|
6- 1|	1050.3|	0.0|	0.0|	-3094.5|	0.0|	0.0|
5- 1|	1050.3|	0.0|	0.0|	-2695.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1|si| 2|	Sx	Si		-133.8|	0.0|	0.0|	133.8|
6- 1|si| 6|	Tz			-131.6|	0.0|	0.0|	131.6|
5- 1|si| 9|	Ty			-106.1|	0.0|	0.0|	106.1|

----- PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1|	984.6|	0.0|	0.0|	-3151.5|	0.0|	-5.5|
6- 1|	984.6|	0.0|	0.0|	-3097.3|	0.0|	-5.5|
7- 2|	984.6|	0.0|	0.0|	-826.9|	0.0|	-5.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1|si| 2|	Sx	Si		-133.3|	0.0|	0.0|	133.3|
6- 1|si| 5|	Tz			-131.1|	-0.2|	0.0|	131.1|
7- 2|si| 9|	Ty			-32.5|	0.0|	1.1|	32.6|
8- 1|si| 6|	Si			-133.3|	0.2|	0.0|	133.3|

----- PROGR. 144.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1|	787.7|	0.0|	0.0|	-3154.3|	0.0|	-11.0|
6- 1|	787.7|	0.0|	0.0|	-3100.2|	0.0|	-11.0|
7- 2|	787.7|	0.0|	0.0|	-829.8|	0.0|	-11.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1|si| 2|	Sx	Si		-131.5|	0.0|	0.0|	131.5|
6- 1|si| 5|	Tz			-129.4|	-0.4|	0.0|	129.4|
7- 2|si| 9|	Ty			-32.7|	0.0|	2.2|	32.9|
8- 1|si| 6|	Si			-131.5|	0.4|	0.0|	131.5|

----- PROGR. 167.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1|	459.5|	0.0|	0.0|	-3157.2|	0.0|	-16.5|
6- 1|	459.5|	0.0|	0.0|	-3103.0|	0.0|	-16.5|
7- 2|	459.5|	0.0|	0.0|	-832.6|	0.0|	-16.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1|si| 2|	Sx	Si		-128.6|	0.0|	0.0|	128.6|
6- 1|si| 5|	Tz			-126.4|	-0.7|	0.0|	126.4|
7- 2|si| 9|	Ty			-32.8|	0.0|	3.2|	33.2|
8- 1|si| 6|	Si			-128.6|	0.7|	0.0|	128.6|

----- PROGR. 191.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1|	0.0|	0.0|	0.0|	-3160.0|	0.0|	-21.9|
6- 1|	0.0|	0.0|	0.0|	-3105.8|	0.0|	-21.9|
7- 2|	0.0|	0.0|	0.0|	-835.4|	0.0|	-21.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1|si| 2|	Sx	Si		-124.4|	0.0|	0.0|	124.4|
6- 1|si| 5|	Tz			-122.2|	-0.9|	0.0|	122.2|
7- 2|si| 9|	Ty			-32.9|	0.0|	4.3|	33.7|
8- 1|si| 10|	Si			-124.4|	0.0|	4.3|	124.6|

VERIFICA STABILITA` :

|L0 = 191.1|
 Z |Lc = 191.1|Ro = 4.89|lm = 39.1|Ncr= 343683.9|alfa(b)=0.3400|ki=0.9053|
 Y |Lc = 191.1|Ro = 3.01|lm = 63.5|Ncr= 130622.5|alfa(c)=0.4900|ki=0.7052|
 Caso 8- 1 - Nodo 2 - Asse Y
 Ned = -3160.0|Mzeq = 910.2|Myeq = 0.0|Ss = -185.0 (0.071)

P_HEA120_S005 (5) stato limite ultimo - ASTA (810- 663) 1484
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	8039.1|	0.0|	21.9|
5- 1|	0.0|	0.0|	0.0|	7535.6|	0.0|	21.9|
8- 2|	0.0|	0.0|	0.0|	1188.9|	0.0|	21.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx	Si		316.4|	0.0|	0.0|	316.4|
5- 1|si| 5|	Tz			296.6|	0.9|	0.0|	296.6|
8- 2|si| 9|	Ty			46.8|	0.0|	-4.3|	47.4|
6- 1|si| 9|	Si			316.4|	0.0|	-4.3|	316.5|

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	459.5|	0.0|	0.0|	8041.9|	0.0|	16.5|
5- 1|	459.5|	0.0|	0.0|	7538.5|	0.0|	16.5|
8- 2|	459.5|	0.0|	0.0|	1191.8|	0.0|	16.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|	Sx	Si		320.8|	0.0|	0.0|	320.8|
5- 1|si| 5|	Tz			292.4|	0.7|	0.0|	292.4|
8- 2|si| 9|	Ty			46.9|	0.0|	-3.2|	47.2|
6- 1|si| 7|	Si			320.8|	-0.7|	0.0|	320.8|

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	787.7|	0.0|	0.0|	8044.8|	0.0|	11.0|
7- 2|	787.7|	0.0|	0.0|	2033.7|	0.0|	11.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|	Sx	Si		324.0|	0.0|	0.0|	324.0|

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 5|	Tz	|	309.2|	0.4|	0.0|	309.2|						
| 7- 2|si| 9|	Ty	|	80.0|	0.0|	-2.2|	80.1|						
| 6- 1|si| 8|	Si	|	324.0|	0.4|	0.0|	324.0|						
							72.					
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	984.6|		0.0|		0.0|		8047.6|		0.0|		5.5|	
| 8- 2|	984.6|		0.0|		0.0|		1197.5|		0.0|		5.5|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 3|Sx	|		325.9|		0.0|		0.0|		325.9|			
| 6- 1|si| 5|	Tz	|	307.5|		0.2|		0.0|		307.5|			
| 8- 2|si| 9|	Ty	|	47.1|		0.0|		-1.1|		47.2|			
| 6- 1|si| 8|	Si	|	325.9|		0.2|		0.0|		325.9|			
							96.					
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	1050.3|		0.0|		0.0|		8050.4|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 3|Sx	|		326.7|		0.0|		0.0|		326.7|			
| 6- 1|si| 6|	Tz	|	307.0|		0.0|		0.0|		307.0|			
| 6- 1|si| 9|	Ty	|	316.8|		0.0|		0.0|		316.8|			
							120.					
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	984.6|		0.0|		0.0|		8053.3|		0.0|		-5.5|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 3|Sx	|		326.2|		0.0|		0.0|		326.2|			
| 6- 1|si| 6|	Tz	|	307.7|		0.2|		0.0|		307.7|			
| 6- 1|si| 9|	Ty	|	316.9|		0.0|		1.1|		316.9|			
| 6- 1|si| 8|	Si	|	326.2|		-0.2|		0.0|		326.2|			
							144.					
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	787.7|		0.0|		0.0|		8056.1|		0.0|		-11.0|	
| 5- 1|	787.7|		0.0|		0.0|		7552.7|		0.0|		-11.0|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 3|Sx	|		324.4|		0.0|		0.0|		324.4|			
| 6- 1|si| 6|	Tz	|	309.7|		0.4|		0.0|		309.7|			
| 5- 1|si| 9|	Ty	|	297.2|		0.0|		2.2|		297.3|			
| 6- 1|si| 8|	Si	|	324.4|		-0.4|		0.0|		324.4|			
							167.					
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	459.5|		0.0|		0.0|		8059.0|		0.0|		-16.5|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 3|Sx	|		321.5|		0.0|		0.0|		321.5|			
| 6- 1|si| 6|	Tz	|	312.8|		0.7|		0.0|		312.8|			
| 6- 1|si| 9|	Ty	|	317.2|		0.0|		3.2|		317.2|			
| 6- 1|si| 8|	Si	|	321.5|		-0.7|		0.0|		321.5|			
							191.					
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		8061.8|		0.0|		-21.9|	
| 4- 1|	0.0|		0.0|		0.0|		6368.7|		0.0|		-21.9|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 2|Sx	|		317.3|		0.0|		0.0|		317.3|			
| 6- 1|si| 6|	Tz	|	317.3|		0.9|		0.0|		317.3|			
| 4- 1|si| 9|	Ty	|	250.6|		0.0|		4.3|		250.7|			
| 6- 1|si|10|	Si	|	317.3|		0.0|		4.3|		317.4|			
VERIFICA STABILITA` :												
|L0 =	191.|											
Z |Lc =	191.|Ro =	4.89|lm =	39.1|Ncr=	343683.9|alfa(b)=	0.3400|ki=	0.9053|						
Y |Lc =	191.|Ro =	3.01|lm =	63.5|Ncr=	130622.5|alfa(c)=	0.4900|ki=	0.7052|						
Casol2- 9 - Nodo 1 - Asse Y												
Ned =	-244.5|Mzeq =	700.2|Myeq =	0.0|Ss =	-20.2 (0.008)								
P_HEA120_S005 (5) stato limite ultimo - ASTA (663- 812)								1485				
							0.					
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	0.0|		0.0|		0.0|		-28558.8|		0.0|		21.9|	
| 7- 2|	0.0|		0.0|		0.0|		-6546.0|		0.0|		21.9|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 1|Sx	|		-1123.9|		0.0|		0.0|		1123.9|			
| 6- 1|si| 6|	Tz	|	-1123.9|		-0.9|		0.0|		1123.9|			
| 7- 2|si| 9|	Ty	|	-257.6|		0.0|		-4.3|		257.7|			
| 6- 1|si| 9|	Si	|	-1123.9|		0.0|		-4.3|		1123.9|			
							24.					
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	459.5|		0.0|		0.0|		-28561.7|		0.0|		16.5|	
| 7- 2|	459.5|		0.0|		0.0|		-6548.8|		0.0|		16.5|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		
| 6- 1|si| 1|Sx	|		-1128.3|		0.0|		0.0|		1128.3|			
| 6- 1|si| 6|	Tz	|	-1128.3|		-0.7|		0.0|		1128.3|			
| 7- 2|si| 9|	Ty	|	-257.7|		0.0|		-3.2|		257.8|			
| 6- 1|si| 5|	Si	|	-1128.3|		0.7|		0.0|		1128.3|			
							48.					
SOLLECITAZIONI :												

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	787.7|	0.0|	0.0|	-28564.5|	0.0|	11.0|
7- 2|	787.7|	0.0|	0.0|	-6551.7|	0.0|	11.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx			-1131.5|	0.0|	0.0|	1131.5|
6- 1|si| 6|	Tz			-1131.5|	-0.4|	0.0|	1131.5|
7- 2|si| 9|	Ty			-257.8|	0.0|	-2.2|	257.9|
6- 1|si| 5|	Si			-1131.5|	0.4|	0.0|	1131.5|

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	984.6|	0.0|	0.0|	-28567.4|	0.0|	5.5|
8- 2|	984.6|	0.0|	0.0|	-5695.4|	0.0|	5.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx			-1133.5|	0.0|	0.0|	1133.5|
6- 1|si| 6|	Tz			-1133.5|	-0.2|	0.0|	1133.5|
8- 2|si| 9|	Ty			-224.1|	0.0|	-1.1|	224.1|
6- 1|si| 5|	Si			-1133.5|	0.2|	0.0|	1133.5|

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1050.3|	0.0|	0.0|	-28570.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx			-1134.2|	0.0|	0.0|	1134.2|
6- 1|si| 5|	Tz			-1134.2|	0.0|	0.0|	1134.2|
6- 1|si| 9|	Ty			-1124.4|	0.0|	0.0|	1124.4|

PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	984.6|	0.0|	0.0|	-28573.0|	0.0|	-5.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx			-1133.7|	0.0|	0.0|	1133.7|
6- 1|si| 5|	Tz			-1133.7|	-0.2|	0.0|	1133.7|
6- 1|si| 9|	Ty			-1124.5|	0.0|	1.1|	1124.5|

PROGR. 144.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	787.7|	0.0|	0.0|	-28575.9|	0.0|	-11.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx			-1132.0|	0.0|	0.0|	1132.0|
6- 1|si| 5|	Tz			-1132.0|	-0.4|	0.0|	1132.0|
6- 1|si| 9|	Ty			-1124.6|	0.0|	2.2|	1124.6|

PROGR. 167.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	459.5|	0.0|	0.0|	-28578.7|	0.0|	-16.5|
5- 1|	459.5|	0.0|	0.0|	-28063.3|	0.0|	-16.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|	Sx			-1129.0|	0.0|	0.0|	1129.0|
6- 1|si| 5|	Tz			-1129.0|	-0.7|	0.0|	1129.0|
5- 1|si| 9|	Ty			-1104.4|	0.0|	3.2|	1104.4|
6- 1|si| 6|	Si			-1129.0|	0.7|	0.0|	1129.0|

PROGR. 191.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-28581.6|	0.0|	-21.9|
5- 1|	0.0|	0.0|	0.0|	-28066.1|	0.0|	-21.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|	Sx			-1124.8|	0.0|	0.0|	1124.8|
6- 1|si| 5|	Tz			-1124.8|	-0.9|	0.0|	1124.8|
5- 1|si| 9|	Ty			-1104.5|	0.0|	4.3|	1104.5|
6- 1|si| 9|	Si			-1124.8|	0.0|	4.3|	1124.8|

VERIFICA STABILITA` :

$l_0 = 191.1$
 $Z \quad |Lc = 191.1 | Ro = 4.89 | lm = 39.1 | Ncr = 343683.9 | \alpha(b) = 0.3400 | ki = 0.9053 |$
 $Y \quad |Lc = 191.1 | Ro = 3.01 | lm = 63.5 | Ncr = 130622.5 | \alpha(c) = 0.4900 | ki = 0.7052 |$
 Caso 6- 1 - Nodo 2 - Asse Y
 $Ned = -28581.6 | Mzeq = 910.2 | Myeq = 0.0 | Ss = -1604.4 (0.613)$

P_HEA120_S005 (5) stato limite ultimo - ASTA (812- 364) 1486
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	34266.5|	0.0|	21.9|
7- 2|	0.0|	0.0|	0.0|	7943.7|	0.0|	21.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			1348.5|	0.0|	0.0|	1348.5|
6- 1|si| 5|	Tz			1348.5|	0.9|	0.0|	1348.5|
7- 2|si| 9|	Ty			312.6|	0.0|	-4.3|	312.7|
6- 1|si| 9|	Si			1348.5|	0.0|	-4.3|	1348.6|

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	459.5|	0.0|	0.0|	34269.3|	0.0|	16.5|
7- 2|	459.5|	0.0|	0.0|	7946.5|	0.0|	16.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|	Sx			1353.0|	0.0|	0.0|	1353.0|
6- 1|si| 5|	Tz			1344.3|	0.7|	0.0|	1344.3|

Copertura area carburante - Relazione di calcolo

| 7- 2|si| 9|	Ty	|	312.7|	0.0|	-3.2|	312.8|	
| 6- 1|si| 7|	Si	|	1353.0|	-0.7|	0.0|	1353.0|	
-----							PROGR. 48.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	787.7|	|	0.0|	|	0.0|	|	34272.2| 0.0| 11.0|
| 7- 2|	787.7|	|	0.0|	|	0.0|	|	7949.3| 0.0| 11.0|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	|	1356.1|	0.0|	0.0|	0.0|	1356.1|	
| 6- 1|si| 5|	Tz	|	1341.4|	0.4|	0.0|	1341.4|	
| 7- 2|si| 9|	Ty	|	312.8|	0.0|	-2.2|	312.9|	
| 6- 1|si| 7|	Si	|	1356.1|	-0.4|	0.0|	1356.1|	
-----							PROGR. 72.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	984.6|	|	0.0|	|	0.0|	|	34275.0| 0.0| 5.5|
| 7- 2|	984.6|	|	0.0|	|	0.0|	|	7952.2| 0.0| 5.5|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	|	1358.1|	0.0|	0.0|	0.0|	1358.1|	
| 6- 1|si| 5|	Tz	|	1339.6|	0.2|	0.0|	1339.6|	
| 7- 2|si| 9|	Ty	|	313.0|	0.0|	-1.1|	313.0|	
| 6- 1|si| 7|	Si	|	1358.1|	-0.2|	0.0|	1358.1|	
-----							PROGR. 96.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	1050.3|	|	0.0|	|	0.0|	|	34277.9| 0.0| 0.0|
| 5- 1|	1050.3|	|	0.0|	|	0.0|	|	33669.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	|	1358.8|	0.0|	0.0|	0.0|	1358.8|	
| 6- 1|si| 6|	Tz	|	1339.1|	0.0|	0.0|	1339.1|	
| 5- 1|si| 9|	Ty	|	1325.0|	0.0|	0.0|	1325.0|	
-----							PROGR. 120.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	984.6|	|	0.0|	|	0.0|	|	34280.7| 0.0| -5.5|
| 5- 1|	984.6|	|	0.0|	|	0.0|	|	33671.9| 0.0| -5.5|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	|	1358.3|	0.0|	0.0|	0.0|	1358.3|	
| 6- 1|si| 6|	Tz	|	1339.9|	0.2|	0.0|	1339.9|	
| 5- 1|si| 9|	Ty	|	1325.1|	0.0|	1.1|	1325.1|	
| 6- 1|si| 7|	Si	|	1358.3|	0.2|	0.0|	1358.3|	
-----							PROGR. 144.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	787.7|	|	0.0|	|	0.0|	|	34283.5| 0.0| -11.0|
| 5- 1|	787.7|	|	0.0|	|	0.0|	|	33674.8| 0.0| -11.0|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	|	1356.6|	0.0|	0.0|	0.0|	1356.6|	
| 6- 1|si| 6|	Tz	|	1341.8|	0.4|	0.0|	1341.8|	
| 5- 1|si| 9|	Ty	|	1325.2|	0.0|	2.2|	1325.3|	
| 6- 1|si| 7|	Si	|	1356.6|	0.4|	0.0|	1356.6|	
-----							PROGR. 167.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	459.5|	|	0.0|	|	0.0|	|	34286.4| 0.0| -16.5|
| 5- 1|	459.5|	|	0.0|	|	0.0|	|	33677.6| 0.0| -16.5|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 3|Sx	|	1353.6|	0.0|	0.0|	0.0|	1353.6|	
| 6- 1|si| 6|	Tz	|	1345.0|	0.7|	0.0|	1345.0|	
| 5- 1|si| 9|	Ty	|	1325.4|	0.0|	3.2|	1325.4|	
| 6- 1|si| 7|	Si	|	1353.6|	0.7|	0.0|	1353.6|	
-----							PROGR. 191.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 6- 1|	0.0|	|	0.0|	|	0.0|	|	34289.2| 0.0| -21.9|
| 5- 1|	0.0|	|	0.0|	|	0.0|	|	33680.5| 0.0| -21.9|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 6- 1|si| 2|Sx	|	1349.4|	0.0|	0.0|	0.0|	1349.4|	
| 6- 1|si| 6|	Tz	|	1349.4|	0.9|	0.0|	1349.4|	
| 5- 1|si| 9|	Ty	|	1325.5|	0.0|	4.3|	1325.5|	
| 6- 1|si| 9|	Si	|	1349.4|	0.0|	4.3|	1349.5|	
-----							PROGR. 23.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 5- 1|	407.1|	|	0.0|	|	0.0|	|	43336.6| 0.0| 15.4|
| 6- 1|	407.1|	|	0.0|	|	0.0|	|	42944.9| 0.0| 15.4|

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (364- 814) 1487
----- PROGR. 0.

SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 5- 1|	0.0|	|	0.0|	|	0.0|	|	43339.4| 0.0| 20.5|
| 6- 1|	0.0|	|	0.0|	|	0.0|	|	42947.7| 0.0| 20.5|
| 1- 1|	0.0|	|	0.0|	|	0.0|	|	24172.8| 0.0| 20.5|
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si |
| 5- 1|si| 1|Sx	|	1705.6|	0.0|	0.0|	0.0|	1705.6|	
| 6- 1|si| 5|	Tz	|	1690.2|	0.8|	0.0|	1690.2|	
| 1- 1|si| 9|	Ty	|	951.3|	0.0|	-4.0|	951.3|	
| 5- 1|si| 9|	Si	|	1705.6|	0.0|	-4.0|	1705.6|	
-----							PROGR. 23.
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N | TZ | TY |
| 5- 1|	407.1|	|	0.0|	|	0.0|	|	43336.6| 0.0| 15.4|
| 6- 1|	407.1|	|	0.0|	|	0.0|	|	42944.9| 0.0| 15.4|

Copertura area carburante - Relazione di calcolo

```

| 1- 1|      407.1|      0.0|      0.0| 24169.9|      0.0| 15.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | 1709.3| 0.0| 0.0| 1709.3|
| 6- 1|si| 5| Tz | 1686.2| 0.6| 0.0| 1686.2|
| 1- 1|si| 9| Ty | 951.2| 0.0| -3.0| 951.2|
| 5- 1|si| 7| Si | 1709.3| -0.6| 0.0| 1709.3|
-----

```

PROGR. 45.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 697.8| 0.0| 0.0| 43333.7| 0.0| 10.3|
| 6- 1| 697.8| 0.0| 0.0| 42942.0| 0.0| 10.3|
| 1- 1| 697.8| 0.0| 0.0| 24167.1| 0.0| 10.3|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | 1711.9| 0.0| 0.0| 1711.9|
| 6- 1|si| 5| Tz | 1683.4| 0.4| 0.0| 1683.4|
| 1- 1|si| 9| Ty | 951.1| 0.0| -2.0| 951.1|
| 5- 1|si| 7| Si | 1711.9| -0.4| 0.0| 1711.9|
-----

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PROGR. 68.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 872.3| 0.0| 0.0| 43330.9| 0.0| 5.1|
| 6- 1| 872.3| 0.0| 0.0| 42939.2| 0.0| 5.1|
| 1- 1| 872.3| 0.0| 0.0| 24164.3| 0.0| 5.1|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | 1713.4| 0.0| 0.0| 1713.4|
| 6- 1|si| 5| Tz | 1681.7| 0.2| 0.0| 1681.7|
| 1- 1|si| 9| Ty | 951.0| 0.0| -1.0| 951.0|
| 5- 1|si| 7| Si | 1713.4| -0.2| 0.0| 1713.4|
-----

```

PROGR. 91.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 930.5| 0.0| 0.0| 43328.0| 0.0| 0.0|
| 6- 1| 930.5| 0.0| 0.0| 42936.3| 0.0| 0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | 1713.9| 0.0| 0.0| 1713.9|
| 6- 1|si| 5| Tz | 1681.0| 0.0| 0.0| 1681.0|

```

PROGR. 113.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 872.3| 0.0| 0.0| 43325.2| 0.0| -5.1|
| 6- 1| 872.3| 0.0| 0.0| 42933.5| 0.0| -5.1|
| 1- 1| 872.3| 0.0| 0.0| 24158.6| 0.0| -5.1|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | 1713.2| 0.0| 0.0| 1713.2|
| 6- 1|si| 6| Tz | 1681.4| 0.2| 0.0| 1681.4|
| 1- 1|si| 9| Ty | 950.7| 0.0| 1.0| 950.7|
| 5- 1|si| 8| Si | 1713.2| -0.2| 0.0| 1713.2|
-----

```

PROGR. 136.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 697.8| 0.0| 0.0| 43322.4| 0.0| -10.3|
| 6- 1| 697.8| 0.0| 0.0| 42930.7| 0.0| -10.3|
| 1- 1| 697.8| 0.0| 0.0| 24155.7| 0.0| -10.3|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | 1711.5| 0.0| 0.0| 1711.5|
| 6- 1|si| 6| Tz | 1683.0| 0.4| 0.0| 1683.0|
| 1- 1|si| 9| Ty | 950.6| 0.0| 2.0| 950.6|
| 5- 1|si| 8| Si | 1711.5| -0.4| 0.0| 1711.5|
-----

```

PROGR. 159.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 407.1| 0.0| 0.0| 43319.5| 0.0| -15.4|
| 6- 1| 407.1| 0.0| 0.0| 42927.8| 0.0| -15.4|
| 1- 1| 407.1| 0.0| 0.0| 24152.9| 0.0| -15.4|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | 1708.6| 0.0| 0.0| 1708.6|
| 6- 1|si| 6| Tz | 1685.6| 0.6| 0.0| 1685.6|
| 1- 1|si| 9| Ty | 950.5| 0.0| 3.0| 950.5|
| 5- 1|si| 8| Si | 1708.6| -0.6| 0.0| 1708.6|
-----

```

PROGR. 182.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 43316.7| 0.0| -20.5|
| 6- 1| 0.0| 0.0| 0.0| 42925.0| 0.0| -20.5|
| 1- 1| 0.0| 0.0| 0.0| 24150.1| 0.0| -20.5|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | 1704.7| 0.0| 0.0| 1704.7|
| 6- 1|si| 6| Tz | 1689.3| 0.8| 0.0| 1689.3|
| 1- 1|si| 9| Ty | 950.4| 0.0| 4.0| 950.4|
| 5- 1|si| 9| Si | 1704.7| 0.0| 4.0| 1704.7|
-----

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 814- 697) 1488
-----

```

PROGR. 0.

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -38133.7| 0.0| 20.5|
| 6- 1| 0.0| 0.0| 0.0| -37695.2| 0.0| 20.5|
| 1- 1| 0.0| 0.0| 0.0| -21193.4| 0.0| 20.5|

```

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	1	Sx	-1500.7	0.0	0.0	1500.7	
6-1	|si	6	Tz	-1483.5	-0.8	0.0	1483.5	
1-1	|si	9	Ty	-834.1	0.0	-4.0	834.1	
5-1	|si	9	Si	-1500.7	0.0	-4.0	1500.7	
-----								PROGR. 23.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	407.1	0.0	0.0	-38130.9	0.0	15.4		
6-1	407.1	0.0	0.0	-37692.3	0.0	15.4		
1-1	407.1	0.0	0.0	-21190.5	0.0	15.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	2	Sx	-1504.4	0.0	0.0	1504.4	
6-1	|si	6	Tz	-1487.2	-0.6	0.0	1487.2	
1-1	|si	9	Ty	-833.9	0.0	-3.0	834.0	
5-1	|si	5	Si	-1504.4	0.6	0.0	1504.4	
-----								PROGR. 45.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	697.8	0.0	0.0	-38128.0	0.0	10.3		
6-1	697.8	0.0	0.0	-37689.5	0.0	10.3		
1-1	697.8	0.0	0.0	-21187.7	0.0	10.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	2	Sx	-1507.1	0.0	0.0	1507.1	
6-1	|si	6	Tz	-1489.8	-0.4	0.0	1489.8	
1-1	|si	9	Ty	-833.8	0.0	-2.0	833.8	
5-1	|si	5	Si	-1507.1	0.4	0.0	1507.1	
-----								PROGR. 68.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	872.3	0.0	0.0	-38125.2	0.0	5.1		
6-1	872.3	0.0	0.0	-37686.6	0.0	5.1		
1-1	872.3	0.0	0.0	-21184.9	0.0	5.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	2	Sx	-1508.6	0.0	0.0	1508.6	
6-1	|si	6	Tz	-1491.3	-0.2	0.0	1491.3	
1-1	|si	9	Ty	-833.7	0.0	-1.0	833.7	
5-1	|si	6	Si	-1508.6	-0.2	0.0	1508.6	
-----								PROGR. 91.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	930.5	0.0	0.0	-38122.4	0.0	0.0		
6-1	930.5	0.0	0.0	-37683.8	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	2	Sx	-1509.0	0.0	0.0	1509.0	
6-1	|si	5	Tz	-1491.7	0.0	0.0	1491.7	
-----								PROGR. 113.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	872.3	0.0	0.0	-38119.5	0.0	-5.1		
6-1	872.3	0.0	0.0	-37681.0	0.0	-5.1		
1-1	872.3	0.0	0.0	-21179.2	0.0	-5.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	2	Sx	-1508.4	0.0	0.0	1508.4	
6-1	|si	5	Tz	-1491.1	-0.2	0.0	1491.1	
1-1	|si	9	Ty	-833.5	0.0	1.0	833.5	
5-1	|si	6	Si	-1508.4	0.2	0.0	1508.4	
-----								PROGR. 136.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	697.8	0.0	0.0	-38116.7	0.0	-10.3		
6-1	697.8	0.0	0.0	-37678.1	0.0	-10.3		
1-1	697.8	0.0	0.0	-21176.3	0.0	-10.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	2	Sx	-1506.6	0.0	0.0	1506.6	
6-1	|si	5	Tz	-1489.3	-0.4	0.0	1489.3	
1-1	|si	9	Ty	-833.4	0.0	2.0	833.4	
5-1	|si	6	Si	-1506.6	0.4	0.0	1506.6	
-----								PROGR. 159.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	407.1	0.0	0.0	-38113.8	0.0	-15.4		
6-1	407.1	0.0	0.0	-37675.3	0.0	-15.4		
1-1	407.1	0.0	0.0	-21173.5	0.0	-15.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	2	Sx	-1503.8	0.0	0.0	1503.8	
6-1	|si	5	Tz	-1486.5	-0.6	0.0	1486.5	
1-1	|si	9	Ty	-833.3	0.0	3.0	833.3	
5-1	|si	6	Si	-1503.8	0.6	0.0	1503.8	
-----								PROGR. 182.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5-1	0.0	0.0	0.0	-38111.0	0.0	-20.5		
6-1	0.0	0.0	0.0	-37672.4	0.0	-20.5		
1-1	0.0	0.0	0.0	-21170.7	0.0	-20.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	2	Sx	-1499.8	0.0	0.0	1499.8	
6-1	|si	5	Tz	-1482.6	-0.8	0.0	1482.6	
1-1	|si	9	Ty	-833.2	0.0	4.0	833.2	
5-1	|si	9	Si	-1499.8	0.0	4.0	1499.8	

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

|L0 = 182.1
 Z |Lc = 182.1|Ro = 4.89|lm = 37.1|Ncr= 382081.4|alfa(b)=0.3400|ki=0.9149|
 Y |Lc = 182.1|Ro = 3.01|lm = 60.2|Ncr= 145216.0|alfa(c)=0.4900|ki=0.7286|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -38133.7|Mzeq = 806.4|Myeq = 0.0|Ss = -2068.2 (0.790)

P_HEAL20_S005 (5) stato limite ultimo - ASTA (697- 816) 1489
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	18873.3	0.0	20.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|1	|Sx	|	0.0	0.0	742.7
5- 1	|si	|5	|Tz	|	0.8	0.0	742.7
5- 1	|si	|9	|TySi	|	0.0	-4.0	742.8

----- PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	407.1	0.0	0.0	18870.4	0.0	15.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|3	|Sx	|	0.0	0.0	746.5
5- 1	|si	|5	|Tz	|	0.6	0.0	738.8
5- 1	|si	|9	|Ty	|	0.0	-3.0	742.7
5- 1	|si	|7	|Si	|	-0.6	0.0	746.5

----- PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	697.8	0.0	0.0	18867.6	0.0	10.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|3	|Sx	|	0.0	0.0	749.1
5- 1	|si	|5	|Tz	|	0.4	0.0	736.0
5- 1	|si	|9	|Ty	|	0.0	-2.0	742.5
5- 1	|si	|7	|Si	|	-0.4	0.0	749.1

----- PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	872.3	0.0	0.0	18864.8	0.0	5.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|3	|Sx	|	0.0	0.0	750.6
5- 1	|si	|5	|Tz	|	0.2	0.0	734.2
5- 1	|si	|9	|Ty	|	0.0	-1.0	742.4
5- 1	|si	|7	|Si	|	-0.2	0.0	750.6

----- PROGR. 91.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	930.5	0.0	0.0	18861.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|3	|Sx	|	0.0	0.0	751.0
5- 1	|si	|5	|Tz	|	0.0	0.0	733.6
5- 1	|si	|9	|Ty	|	0.0	0.0	742.3

----- PROGR. 113.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	872.3	0.0	0.0	18859.1	0.0	-5.1
7- 1	872.3	0.0	0.0	16938.2	0.0	-5.1
7- 2	872.3	0.0	0.0	3742.6	0.0	-5.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|3	|Sx	|	0.0	0.0	750.4
7- 1	|si	|6	|Tz	|	0.2	0.0	658.4
7- 2	|si	|9	|Ty	|	0.0	1.0	147.3
5- 1	|si	|8	|Si	|	-0.2	0.0	750.4

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	697.8	0.0	0.0	18856.2	0.0	-10.3
7- 1	697.8	0.0	0.0	16935.3	0.0	-10.3
7- 2	697.8	0.0	0.0	3739.7	0.0	-10.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|3	|Sx	|	0.0	0.0	748.6
7- 1	|si	|6	|Tz	|	0.4	0.0	659.9
7- 2	|si	|9	|Ty	|	0.0	2.0	147.2
5- 1	|si	|8	|Si	|	-0.4	0.0	748.6

----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	407.1	0.0	0.0	18853.4	0.0	-15.4
7- 1	407.1	0.0	0.0	16932.5	0.0	-15.4
7- 2	407.1	0.0	0.0	3736.9	0.0	-15.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|3	|Sx	|	0.0	0.0	745.8
7- 1	|si	|6	|Tz	|	0.6	0.0	662.5
7- 2	|si	|9	|Ty	|	0.0	3.0	147.2
5- 1	|si	|8	|Si	|	-0.6	0.0	745.8

----- PROGR. 182.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	18850.6	0.0	-20.5
7- 1	0.0	0.0	0.0	16929.7	0.0	-20.5
7- 2	0.0	0.0	0.0	3734.1	0.0	-20.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	|3	|Sx	|	0.0	0.0	745.8
7- 1	|si	|6	|Tz	|	0.6	0.0	662.5
7- 2	|si	|9	|Ty	|	0.0	3.0	147.2
5- 1	|si	|8	|Si	|	-0.6	0.0	745.8

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	3	Sx		741.9	0.0	0.0	741.9
7-1	6	Tz		666.3	0.8	0.0	666.3
7-2	9	Ty		147.0	0.0	4.0	147.1
5-1	9	Si		741.9	0.0	4.0	741.9

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (816- 699) 1490
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-14218.2	0.0	20.5
6-1	0.0	0.0	0.0	-13715.4	0.0	20.5
1-1	0.0	0.0	0.0	-7664.1	0.0	20.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	1	Sx		-559.5	0.0	0.0	559.5
6-1	6	Tz		-539.8	-0.8	0.0	539.8
1-1	9	Ty		-301.6	0.0	-4.0	301.7
5-1	9	Si		-559.5	0.0	-4.0	559.6

----- PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	407.1	0.0	0.0	-14215.4	0.0	15.4
6-1	407.1	0.0	0.0	-13712.6	0.0	15.4
1-1	407.1	0.0	0.0	-7661.3	0.0	15.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	2	Sx		-563.3	0.0	0.0	563.3
6-1	6	Tz		-543.5	-0.6	0.0	543.5
1-1	9	Ty		-301.5	0.0	-3.0	301.5
5-1	5	Si		-563.3	0.6	0.0	563.3

----- PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	697.8	0.0	0.0	-14212.6	0.0	10.3
6-1	697.8	0.0	0.0	-13709.7	0.0	10.3
1-1	697.8	0.0	0.0	-7658.4	0.0	10.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	2	Sx		-565.9	0.0	0.0	565.9
6-1	6	Tz		-546.1	-0.4	0.0	546.1
1-1	9	Ty		-301.4	0.0	-2.0	301.4
5-1	6	Si		-565.9	-0.4	0.0	565.9

----- PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	872.3	0.0	0.0	-14209.7	0.0	5.1
6-1	872.3	0.0	0.0	-13706.9	0.0	5.1
1-1	872.3	0.0	0.0	-7655.6	0.0	5.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	2	Sx		-567.4	0.0	0.0	567.4
6-1	6	Tz		-547.6	-0.2	0.0	547.6
1-1	9	Ty		-301.3	0.0	-1.0	301.3
5-1	6	Si		-567.4	-0.2	0.0	567.4

----- PROGR. 91.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	930.5	0.0	0.0	-14206.9	0.0	0.0
6-1	930.5	0.0	0.0	-13704.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	2	Sx		-567.8	0.0	0.0	567.8
6-1	5	Tz		-548.0	0.0	0.0	548.0

----- PROGR. 113.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	872.3	0.0	0.0	-14204.0	0.0	-5.1
6-1	872.3	0.0	0.0	-13701.2	0.0	-5.1
1-1	872.3	0.0	0.0	-7649.9	0.0	-5.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	2	Sx		-567.2	0.0	0.0	567.2
6-1	5	Tz		-547.4	-0.2	0.0	547.4
1-1	9	Ty		-301.1	0.0	1.0	301.1
5-1	6	Si		-567.2	0.2	0.0	567.2

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	697.8	0.0	0.0	-14201.2	0.0	-10.3
6-1	697.8	0.0	0.0	-13698.4	0.0	-10.3
1-1	697.8	0.0	0.0	-7647.1	0.0	-10.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	2	Sx		-565.4	0.0	0.0	565.4
6-1	5	Tz		-545.6	-0.4	0.0	545.6
1-1	9	Ty		-300.9	0.0	2.0	301.0
5-1	6	Si		-565.4	0.4	0.0	565.4

----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	407.1	0.0	0.0	-14198.4	0.0	-15.4
6-1	407.1	0.0	0.0	-13695.5	0.0	-15.4
1-1	407.1	0.0	0.0	-7644.2	0.0	-15.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	2	Sx		-562.6	0.0	0.0	562.6

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 5|	Tz	|	-542.8|	-0.6|	0.0|	542.8|					
| 1- 1|si| 9|	Ty	|	-300.8|	0.0|	3.0|	300.9|					
| 5- 1|si| 6|	Si	|	-562.6|	0.6|	0.0|	562.6|					
							PROGR.	182.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|		|	0.0|	|	0.0|	|	-14195.5|	|	0.0|	|	-20.5|
| 6- 1|		|	0.0|	|	0.0|	|	-13692.7|	|	0.0|	|	-20.5|
| 1- 1|		|	0.0|	|	0.0|	|	-7641.4|	|	0.0|	|	-20.5|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 5- 1|si| 2|	Sx	|	-558.7|	|	0.0|	|	0.0|	|	558.7|	|	
| 6- 1|si| 5|	Tz	|	-538.9|	|	-0.8|	|	0.0|	|	538.9|	|	
| 1- 1|si| 9|	Ty	|	-300.7|	|	0.0|	|	4.0|	|	300.8|	|	
| 5- 1|si|10|	Si	|	-558.7|	|	0.0|	|	4.0|	|	558.7|	|	

VERIFICA STABILITA' :											
|L0 = 182. |											
Z	|Lc = 182. |	Ro = 4.89 |	lm = 37.1 |	Ncr = 382081.4 |	alfa (b) = 0.3400 |	ki = 0.9149 |					
Y	|Lc = 182. |	Ro = 3.01 |	lm = 60.2 |	Ncr = 145216.0 |	alfa (c) = 0.4900 |	ki = 0.7286 |					
Caso 5- 1 - Nodo 2 - Asse Y											
Ned = -14218.2 | Mzeq = 806.4 | Myeq = 0.0 | Ss = -775.8 (0.296)											
P_HEA120_S005 (5) stato limite ultimo - ASTA (699- 818) 1491											
							PROGR.	0.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 8- 1|		|	0.0|	|	0.0|	|	-3567.8|	|	0.0|	|	20.5|
| 5- 1|		|	0.0|	|	0.0|	|	-2941.7|	|	0.0|	|	20.5|
| 1- 1|		|	0.0|	|	0.0|	|	-2064.4|	|	0.0|	|	20.5|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 8- 1|si| 1|	Sx	|	-140.4|	|	0.0|	|	0.0|	|	140.4|	|	
| 5- 1|si| 5|	Tz	|	-115.8|	|	0.8|	|	0.0|	|	115.8|	|	
| 1- 1|si| 9|	Ty	|	-81.2|	|	0.0|	|	-4.0|	|	81.5|	|	
| 8- 1|si| 9|	Si	|	-140.4|	|	0.0|	|	-4.0|	|	140.6|	|	
							PROGR.	23.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 8- 1|	407.1|	|	0.0|	|	0.0|	|	-3570.7|	|	0.0|	|	15.4|
| 5- 1|	407.1|	|	0.0|	|	0.0|	|	-2944.6|	|	0.0|	|	15.4|
| 1- 1|	407.1|	|	0.0|	|	0.0|	|	-2067.2|	|	0.0|	|	15.4|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 8- 1|si| 1|	Sx	|	-144.3|	|	0.0|	|	0.0|	|	144.3|	|	
| 5- 1|si| 5|	Tz	|	-119.7|	|	0.6|	|	0.0|	|	119.7|	|	
| 1- 1|si| 9|	Ty	|	-81.4|	|	0.0|	|	-3.0|	|	81.5|	|	
| 8- 1|si| 5|	Si	|	-144.3|	|	0.6|	|	0.0|	|	144.3|	|	
							PROGR.	45.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 8- 1|	697.8|	|	0.0|	|	0.0|	|	-3573.5|	|	0.0|	|	10.3|
| 5- 1|	697.8|	|	0.0|	|	0.0|	|	-2947.4|	|	0.0|	|	10.3|
| 1- 1|	697.8|	|	0.0|	|	0.0|	|	-2070.1|	|	0.0|	|	10.3|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 8- 1|si| 1|	Sx	|	-147.2|	|	0.0|	|	0.0|	|	147.2|	|	
| 5- 1|si| 5|	Tz	|	-122.5|	|	0.4|	|	0.0|	|	122.5|	|	
| 1- 1|si| 9|	Ty	|	-81.5|	|	0.0|	|	-2.0|	|	81.5|	|	
| 8- 1|si| 5|	Si	|	-147.2|	|	0.4|	|	0.0|	|	147.2|	|	
							PROGR.	68.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 8- 1|	872.3|	|	0.0|	|	0.0|	|	-3576.4|	|	0.0|	|	5.1|
| 5- 1|	872.3|	|	0.0|	|	0.0|	|	-2950.2|	|	0.0|	|	5.1|
| 1- 1|	872.3|	|	0.0|	|	0.0|	|	-2072.9|	|	0.0|	|	5.1|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 8- 1|si| 1|	Sx	|	-148.9|	|	0.0|	|	0.0|	|	148.9|	|	
| 5- 1|si| 5|	Tz	|	-124.3|	|	0.2|	|	0.0|	|	124.3|	|	
| 1- 1|si| 9|	Ty	|	-81.6|	|	0.0|	|	-1.0|	|	81.6|	|	
| 8- 1|si| 5|	Si	|	-148.9|	|	0.2|	|	0.0|	|	148.9|	|	
							PROGR.	91.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 8- 1|	930.5|	|	0.0|	|	0.0|	|	-3579.2|	|	0.0|	|	0.0|
| 5- 1|	930.5|	|	0.0|	|	0.0|	|	-2953.1|	|	0.0|	|	0.0|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 8- 1|si| 1|	Sx	|	-149.6|	|	0.0|	|	0.0|	|	149.6|	|	
| 5- 1|si| 5|	Tz	|	-124.9|	|	0.0|	|	0.0|	|	124.9|	|	
							PROGR.	113.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 8- 1|	872.3|	|	0.0|	|	0.0|	|	-3582.0|	|	0.0|	|	-5.1|
| 5- 1|	872.3|	|	0.0|	|	0.0|	|	-2955.9|	|	0.0|	|	-5.1|
| 1- 1|	872.3|	|	0.0|	|	0.0|	|	-2078.6|	|	0.0|	|	-5.1|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 8- 1|si| 1|	Sx	|	-149.2|	|	0.0|	|	0.0|	|	149.2|	|	
| 5- 1|si| 6|	Tz	|	-124.5|	|	0.2|	|	0.0|	|	124.5|	|	
| 1- 1|si| 9|	Ty	|	-81.8|	|	0.0|	|	1.0|	|	81.8|	|	
| 8- 1|si| 5|	Si	|	-149.2|	|	-0.2|	|	0.0|	|	149.2|	|	
							PROGR.	136.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 8- 1|	697.8|	|	0.0|	|	0.0|	|	-3584.9|	|	0.0|	|	-10.3|
5- 1	697.8		0.0		0.0		-2958.8		0.0		-10.3

Copertura area carburante - Relazione di calcolo

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| 1- 1|          697.8|          0.0|          0.0| -2081.4|          0.0| -10.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -147.6| 0.0| 0.0| 147.6|
| 5- 1|si| 6| Tz | -123.0| 0.4| 0.0| 123.0|
| 1- 1|si| 9| Ty | -81.9| 0.0| 2.0| 82.0|
| 8- 1|si| 5| Si | -147.6| -0.4| 0.0| 147.6|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 8- 1| 407.1| 0.0| 0.0| 0.0| -3587.7| 0.0| -15.4|
| 5- 1| 407.1| 0.0| 0.0| 0.0| -2961.6| 0.0| -15.4|
| 1- 1| 407.1| 0.0| 0.0| 0.0| -2084.3| 0.0| -15.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -145.0| 0.0| 0.0| 145.0|
| 5- 1|si| 6| Tz | -120.4| 0.6| 0.0| 120.4|
| 1- 1|si| 9| Ty | -82.0| 0.0| 3.0| 82.2|
| 8- 1|si| 5| Si | -145.0| -0.6| 0.0| 145.0|
-----
PROGR. 182.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 0.0| 0.0| 0.0| -3590.6| 0.0| -20.5|
| 5- 1| 0.0| 0.0| 0.0| -2964.4| 0.0| -20.5|
| 1- 1| 0.0| 0.0| 0.0| -2087.1| 0.0| -20.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -141.3| 0.0| 0.0| 141.3|
| 5- 1|si| 6| Tz | -116.7| 0.8| 0.0| 116.7|
| 1- 1|si| 9| Ty | -82.1| 0.0| 4.0| 82.4|
| 8- 1|si| 9| Si | -141.3| 0.0| 4.0| 141.5|
-----
VERIFICA STABILITA` :
|L0 = 182.1
Z |Lc = 182.1|Ro = 4.89|lm = 37.1|Ncr= 382081.4|alfa(b)=0.3400|ki=0.9149|
Y |Lc = 182.1|Ro = 3.01|lm = 60.2|Ncr= 145216.0|alfa(c)=0.4900|ki=0.7286|
Caso 8- 1 - Nodo 1 - Asse Y
Ned = -3590.6|Mzeq = 806.4|Myeq = 0.0|Ss = -201.6 ( 0.077)
P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 818- 701) 1492
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 8100.8| 0.0| 20.5|
| 1- 1| 0.0| 0.0| 0.0| 4737.5| 0.0| 20.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | 318.8| 0.0| 0.0| 318.8|
| 6- 1|si| 6| Tz | 318.8| -0.8| 0.0| 318.8|
| 1- 1|si| 9| Ty | 186.4| 0.0| -4.0| 186.6|
| 6- 1|si| 9| Si | 318.8| 0.0| -4.0| 318.9|
-----
PROGR. 23.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 407.1| 0.0| 0.0| 8103.6| 0.0| 15.4|
| 1- 1| 407.1| 0.0| 0.0| 4740.3| 0.0| 15.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx | 322.7| 0.0| 0.0| 322.7|
| 6- 1|si| 6| Tz | 315.1| -0.6| 0.0| 315.1|
| 1- 1|si| 9| Ty | 186.6| 0.0| -3.0| 186.6|
| 6- 1|si| 7| Si | 322.7| -0.6| 0.0| 322.7|
-----
PROGR. 45.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 697.8| 0.0| 0.0| 8106.4| 0.0| 10.3|
| 1- 1| 697.8| 0.0| 0.0| 4743.2| 0.0| 10.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx | 325.6| 0.0| 0.0| 325.6|
| 6- 1|si| 6| Tz | 312.5| -0.4| 0.0| 312.5|
| 1- 1|si| 9| Ty | 186.7| 0.0| -2.0| 186.7|
| 6- 1|si| 7| Si | 325.6| -0.4| 0.0| 325.6|
-----
PROGR. 68.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 872.3| 0.0| 0.0| 8109.3| 0.0| 5.1|
| 1- 1| 872.3| 0.0| 0.0| 4746.0| 0.0| 5.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx | 327.3| 0.0| 0.0| 327.3|
| 6- 1|si| 6| Tz | 311.0| -0.2| 0.0| 311.0|
| 1- 1|si| 9| Ty | 186.8| 0.0| -1.0| 186.8|
| 6- 1|si| 7| Si | 327.3| -0.2| 0.0| 327.3|
-----
PROGR. 91.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 930.5| 0.0| 0.0| 8112.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx | 328.0| 0.0| 0.0| 328.0|
| 6- 1|si| 5| Tz | 310.5| 0.0| 0.0| 310.5|
-----
PROGR. 113.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 872.3| 0.0| 0.0| 8115.0| 0.0| -5.1|
| 1- 1| 872.3| 0.0| 0.0| 4751.7| 0.0| -5.1|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx		327.5	0.0	0.0	327.5
6- 1	|si| 5	Tz		311.2	-0.2	0.0	311.2
1- 1	|si| 9	Ty		187.0	0.0	1.0	187.0
6- 1	|si| 7	Si		327.5	0.2	0.0	327.5

SOLLECITAZIONI :							136.
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	697.8	0.0	0.0	8117.8	0.0	-10.3	
1- 1	697.8	0.0	0.0	4754.5	0.0	-10.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx		326.0	0.0	0.0	326.0
6- 1	|si| 5	Tz		312.9	-0.4	0.0	312.9
1- 1	|si| 9	Ty		187.1	0.0	2.0	187.1
6- 1	|si| 7	Si		326.0	0.4	0.0	326.0

SOLLECITAZIONI :							159.
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	407.1	0.0	0.0	8120.6	0.0	-15.4	
1- 1	407.1	0.0	0.0	4757.4	0.0	-15.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx		323.4	0.0	0.0	323.4
6- 1	|si| 5	Tz		315.8	-0.6	0.0	315.8
1- 1	|si| 9	Ty		187.2	0.0	3.0	187.3
6- 1	|si| 7	Si		323.4	0.6	0.0	323.4

SOLLECITAZIONI :							182.
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	8123.5	0.0	-20.5	
1- 1	0.0	0.0	0.0	4760.2	0.0	-20.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		319.7	0.0	0.0	319.7
6- 1	|si| 5	Tz		319.7	-0.8	0.0	319.7
1- 1	|si| 9	Ty		187.3	0.0	4.0	187.5
6- 1	|si| 9	Si		319.7	0.0	4.0	319.8

VERIFICA STABILITA' :							
|L0 = 182.1							
Z	|Lc = 182.1	Ro = 4.89	lm = 37.1	Ncr = 382081.4	alfa(b) = 0.3400	ki = 0.9149	
Y	|Lc = 182.1	Ro = 3.01	lm = 60.2	Ncr = 145216.0	alfa(c) = 0.4900	ki = 0.7286	
Casol2-12 - Nodo 2 - Asse Y							
Ned = -816.9 | Mzeq = 620.3 | Myeq = 0.0 | Ss = -50.0 (0.019)							
P_HEA120_S005 (5) stato limite ultimo - ASTA (701- 820) 1493							

SOLLECITAZIONI :							0.
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	-26683.2	0.0	20.5	
7- 2	0.0	0.0	0.0	-6788.9	0.0	20.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-1050.1	0.0	0.0	1050.1
7- 2	|si| 6	Tz		-267.2	-0.8	0.0	267.2
7- 2	|si| 9	Ty		-267.2	0.0	-4.0	267.3
6- 1	|si| 9	Si		-1050.1	0.0	-4.0	1050.1

SOLLECITAZIONI :							23.
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	406.2	0.0	0.0	-26686.0	0.0	15.4	
7- 2	406.2	0.0	0.0	-6791.8	0.0	15.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-1054.0	0.0	0.0	1054.0
7- 2	|si| 6	Tz		-271.1	-0.6	0.0	271.1
7- 2	|si| 9	Ty		-267.3	0.0	-3.0	267.3
6- 1	|si| 5	Si		-1054.0	0.6	0.0	1054.0

SOLLECITAZIONI :							45.
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	696.3	0.0	0.0	-26688.9	0.0	10.2	
7- 2	696.3	0.0	0.0	-6794.6	0.0	10.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 2	Sx		-1056.9	0.0	0.0	1056.9
7- 2	|si| 6	Tz		-273.9	-0.4	0.0	273.9
7- 2	|si| 9	Ty		-267.4	0.0	-2.0	267.4
6- 1	|si| 5	Si		-1056.9	0.4	0.0	1056.9

SOLLECITAZIONI :							68.
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	870.4	0.0	0.0	-26691.7	0.0	5.1	
7- 2	870.4	0.0	0.0	-6797.5	0.0	5.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 2	Sx		-1058.6	0.0	0.0	1058.6
7- 2	|si| 6	Tz		-275.7	-0.2	0.0	275.7
7- 2	|si| 9	Ty		-267.5	0.0	-1.0	267.5
6- 1	|si| 5	Si		-1058.6	0.2	0.0	1058.6

SOLLECITAZIONI :							91.
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	928.4	0.0	0.0	-26694.5	0.0	0.0	
5- 1	928.4	0.0	0.0	-26112.0	0.0	0.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si

Copertura area carburante - Relazione di calcolo

|	6- 1|si| 2|Sx	Si	-1059.3|	0.0|	0.0|	1059.3|	
|	5- 1|si| 5|	Tz	-1036.3|	0.0|	0.0|	1036.3|	
|	5- 1|si| 9|	Ty	-1027.6|	0.0|	0.0|	1027.6|	
							PROGR. 113.

SOLLECITAZIONI :

|	Caso	MZ	MY	MT	N	TZ	TY
|	6- 1|	870.4|	0.0|	0.0|	-26697.4|	0.0|	-5.1|
|	5- 1|	870.4|	0.0|	0.0|	-26114.8|	0.0|	-5.1|

TENSIONI (Sz= 0.00) :

|	Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
|	6- 1|si| 2|Sx	|	-1058.8|	0.0|	0.0|	1058.8|	
|	5- 1|si| 5|	Tz	-1035.9|	-0.2|	0.0|	1035.9|	
|	5- 1|si| 9|	Ty	-1027.7|	0.0|	1.0|	1027.7|	
|	6- 1|si| 5|	Si	-1058.8|	-0.2|	0.0|	1058.8|	
							PROGR. 136.

SOLLECITAZIONI :

|	Caso	MZ	MY	MT	N	TZ	TY
|	6- 1|	696.3|	0.0|	0.0|	-26700.2|	0.0|	-10.2|
|	5- 1|	696.3|	0.0|	0.0|	-26117.7|	0.0|	-10.2|

TENSIONI (Sz= 0.00) :

|	Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
|	6- 1|si| 2|Sx	|	-1057.3|	0.0|	0.0|	1057.3|	
|	5- 1|si| 5|	Tz	-1034.4|	-0.4|	0.0|	1034.4|	
|	5- 1|si| 9|	Ty	-1027.8|	0.0|	2.0|	1027.8|	
|	6- 1|si| 6|	Si	-1057.3|	0.4|	0.0|	1057.3|	
							PROGR. 159.

SOLLECITAZIONI :

|	Caso	MZ	MY	MT	N	TZ	TY
|	6- 1|	406.2|	0.0|	0.0|	-26703.1|	0.0|	-15.4|
|	5- 1|	406.2|	0.0|	0.0|	-26120.5|	0.0|	-15.4|

TENSIONI (Sz= 0.00) :

|	Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
|	6- 1|si| 2|Sx	|	-1054.7|	0.0|	0.0|	1054.7|	
|	5- 1|si| 5|	Tz	-1031.8|	-0.6|	0.0|	1031.8|	
|	5- 1|si| 9|	Ty	-1028.0|	0.0|	3.0|	1028.0|	
|	6- 1|si| 6|	Si	-1054.7|	0.6|	0.0|	1054.7|	
							PROGR. 181.

SOLLECITAZIONI :

|	Caso	MZ	MY	MT	N	TZ	TY
|	6- 1|	0.0|	0.0|	0.0|	-26705.9|	0.0|	-20.5|
|	5- 1|	0.0|	0.0|	0.0|	-26123.4|	0.0|	-20.5|

TENSIONI (Sz= 0.00) :

|	Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
|	6- 1|si| 3|Sx	|	-1051.0|	0.0|	0.0|	1051.0|
|	5- 1|si| 5|	Tz	-1028.1|	-0.8|	0.0|	1028.1|
|	5- 1|si| 9|	Ty	-1028.1|	0.0|	4.0|	1028.1|
|	6- 1|si| 9|	Si	-1051.0|	0.0|	4.0|	1051.0|

VERIFICA STABILITA' :

|L0 = 181.1|
Z |Lc = 181.1|Ro = 4.89|lm = 37.1|Ncr = 382818.7|alfa(b)=0.3400|ki=0.9151|
Y |Lc = 181.1|Ro = 3.01|lm = 60.2|Ncr = 145496.3|alfa(c)=0.4900|ki=0.7290|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -26705.9|Mzeq = 804.6|Myeq = 0.0|Ss = -1449.8 (0.554)

P_HEA120_S005 (5) stato limite ultimo - ASTA (820- 382) 1494
PROGR. 0.

SOLLECITAZIONI :

|	Caso	MZ	MY	MT	N	TZ	TY
|	6- 1|	0.0|	0.0|	0.0|	30789.2|	0.0|	20.5|
|	5- 1|	0.0|	0.0|	0.0|	30151.9|	0.0|	20.5|
|	3- 1|	0.0|	0.0|	0.0|	23485.4|	0.0|	20.5|

TENSIONI (Sz= 0.00) :

|	Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
|	6- 1|si| 1|Sx	|	1211.7|	0.0|	0.0|	1211.7|	
|	5- 1|si| 5|	Tz	1186.6|	0.8|	0.0|	1186.6|	
|	3- 1|si| 9|	Ty	924.3|	0.0|	-4.0|	924.3|	
|	6- 1|si| 9|	Si	1211.7|	0.0|	-4.0|	1211.7|	
							PROGR. 23.

SOLLECITAZIONI :

|	Caso	MZ	MY	MT	N	TZ	TY
|	6- 1|	406.2|	0.0|	0.0|	30792.0|	0.0|	15.4|
|	5- 1|	406.2|	0.0|	0.0|	30154.8|	0.0|	15.4|
|	7- 1|	406.2|	0.0|	0.0|	27393.2|	0.0|	15.4|

TENSIONI (Sz= 0.00) :

|	Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
|	6- 1|si| 3|Sx	|	1215.6|	0.0|	0.0|	1215.6|	
|	5- 1|si| 5|	Tz	1182.9|	0.6|	0.0|	1182.9|	
|	7- 1|si| 9|	Ty	1078.0|	0.0|	-3.0|	1078.1|	
|	6- 1|si| 7|	Si	1215.6|	-0.6|	0.0|	1215.6|	
							PROGR. 45.

SOLLECITAZIONI :

|	Caso	MZ	MY	MT	N	TZ	TY
|	6- 1|	696.3|	0.0|	0.0|	30794.9|	0.0|	10.2|
|	5- 1|	696.3|	0.0|	0.0|	30157.6|	0.0|	10.2|
|	7- 1|	696.3|	0.0|	0.0|	27396.1|	0.0|	10.2|

TENSIONI (Sz= 0.00) :

|	Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
|	6- 1|si| 3|Sx	|	1218.4|	0.0|	0.0|	1218.4|	
|	5- 1|si| 5|	Tz	1180.3|	0.4|	0.0|	1180.3|	
|	7- 1|si| 9|	Ty	1078.2|	0.0|	-2.0|	1078.2|	
|	6- 1|si| 7|	Si	1218.4|	-0.4|	0.0|	1218.4|	
							PROGR. 68.

SOLLECITAZIONI :

|	Caso	MZ	MY	MT	N	TZ	TY
|	6- 1|	870.4|	0.0|	0.0|	30797.7|	0.0|	5.1|
|	5- 1|	870.4|	0.0|	0.0|	30160.4|	0.0|	5.1|

TENSIONI (Sz= 0.00) :

|	Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
|	6- 1|si| 2|Sx	|	-1059.3|	0.0|	0.0|	1059.3|
|	5- 1|si| 5|	Tz	-1036.3|	0.0|	0.0|	1036.3|
|	5- 1|si| 9|	Ty	-1027.6|	0.0|	0.0|	1027.6|

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx |	| 1220.2|	| 0.0|	| 0.0|	| 1220.2|		
| 5- 1|	|si|	5|	Tz |	| 1178.8|	| 0.2|	| 0.0|	| 1178.8|		
| 5- 1|	|si|	9|	Ty |	| 1186.9|	| 0.0|	| -1.0|	| 1186.9|		
| 6- 1|	|si|	7|	Si |	| 1220.2|	| -0.2|	| 0.0|	| 1220.2|		
								PROGR. 91.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	928.4|	0.0|	0.0|	30800.6|	0.0|	0.0|			
| 5- 1|	928.4|	0.0|	0.0|	30163.3|	0.0|	0.0|			
| 11- 1|	714.1|	0.0|	0.0|	7528.6|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx |	| 1220.8|	| 0.0|	| 0.0|	| 1220.8|		
| 5- 1|	|si|	5|	Tz |	| 1178.3|	| 0.0|	| 0.0|	| 1178.3|		
| 11- 1|	|si|	9|	Ty |	| 296.3|	| 0.0|	| 0.0|	| 296.3|		
								PROGR. 113.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	870.4|	0.0|	0.0|	30803.4|	0.0|	-5.1|			
| 5- 1|	870.4|	0.0|	0.0|	30166.1|	0.0|	-5.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx |	| 1220.4|	| 0.0|	| 0.0|	| 1220.4|		
| 5- 1|	|si|	6|	Tz |	| 1179.0|	| 0.2|	| 0.0|	| 1179.0|		
| 5- 1|	|si|	9|	Ty |	| 1187.2|	| 0.0|	| 1.0|	| 1187.2|		
| 6- 1|	|si|	7|	Si |	| 1220.4|	| 0.2|	| 0.0|	| 1220.4|		
								PROGR. 136.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	696.3|	0.0|	0.0|	30806.2|	0.0|	-10.2|			
| 5- 1|	696.3|	0.0|	0.0|	30169.0|	0.0|	-10.2|			
| 7- 1|	696.3|	0.0|	0.0|	27407.4|	0.0|	-10.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx |	| 1218.9|	| 0.0|	| 0.0|	| 1218.9|		
| 5- 1|	|si|	6|	Tz |	| 1180.7|	| 0.4|	| 0.0|	| 1180.7|		
| 7- 1|	|si|	9|	Ty |	| 1078.6|	| 0.0|	| 2.0|	| 1078.6|		
| 6- 1|	|si|	7|	Si |	| 1218.9|	| 0.4|	| 0.0|	| 1218.9|		
								PROGR. 159.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	406.2|	0.0|	0.0|	30809.1|	0.0|	-15.4|			
| 5- 1|	406.2|	0.0|	0.0|	30171.8|	0.0|	-15.4|			
| 7- 1|	406.2|	0.0|	0.0|	27410.3|	0.0|	-15.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx |	| 1216.3|	| 0.0|	| 0.0|	| 1216.3|		
| 5- 1|	|si|	6|	Tz |	| 1183.6|	| 0.6|	| 0.0|	| 1183.6|		
| 7- 1|	|si|	9|	Ty |	| 1078.7|	| 0.0|	| 3.0|	| 1078.7|		
| 6- 1|	|si|	7|	Si |	| 1216.3|	| 0.6|	| 0.0|	| 1216.3|		
								PROGR. 181.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	30811.9|	0.0|	-20.5|			
| 5- 1|	0.0|	0.0|	0.0|	30174.6|	0.0|	-20.5|			
| 3- 1|	0.0|	0.0|	0.0|	23508.1|	0.0|	-20.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	2|	Sx |	| 1212.6|	| 0.0|	| 0.0|	| 1212.6|		
| 5- 1|	|si|	6|	Tz |	| 1187.5|	| 0.8|	| 0.0|	| 1187.5|		
| 3- 1|	|si|	9|	Ty |	| 925.1|	| 0.0|	| 4.0|	| 925.2|		
| 6- 1|	|si|	9|	Si |	| 1212.6|	| 0.0|	| 4.0|	| 1212.6|		
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
P_IPe80_S008 (8)	stato limite ultimo - ASTA (516- 517)						829		
								PROGR. 0.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	-321.4|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	1|	Sx |	| -42.0|	| 0.0|	| 0.0|	| 42.0|		
| 6- 1|	|si|	5|	Tz |	| -42.0|	| 0.0|	| 0.0|	| 42.0|		
| 6- 1|	|si|	9|	Ty |	| -42.0|	| 0.0|	| 0.0|	| 42.0|		
								PROGR. 11.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	-320.5|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx |	| -41.9|	| 0.0|	| 0.0|	| 41.9|		
| 6- 1|	|si|	5|	Tz |	| -41.9|	| 0.0|	| 0.0|	| 41.9|		
| 6- 1|	|si|	9|	Ty |	| -41.9|	| 0.0|	| 0.0|	| 41.9|		
								PROGR. 22.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	0.0|	0.0|	0.0|	-319.7|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|	No|	massimi |	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si|	3|	Sx |	| -41.8|	| 0.0|	| 0.0|	| 41.8|		
| 6- 1|	|si|	5|	Tz |	| -41.8|	| 0.0|	| 0.0|	| 41.8|		
| 6- 1|	|si|	9|	Ty |	| -41.8|	| 0.0|	| 0.0|	| 41.8|		
								PROGR. 33.	
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
6- 1	0.0	0.0	0.0	-318.8	0.0	0.0			
TENSIONI (Sz= 0.00) :									

Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -41.6| 0.0| 0.0| 41.6|
| 6- 1|si| 5| Tz | -41.6| 0.0| 0.0| 41.6|
| 6- 1|si| 9| Ty | -41.6| 0.0| 0.0| 41.6|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -318.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -41.5| 0.0| 0.0| 41.5|
| 6- 1|si| 5| Tz | -41.5| 0.0| 0.0| 41.5|
| 6- 1|si| 9| Ty | -41.5| 0.0| 0.0| 41.5|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -317.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -41.4| 0.0| 0.0| 41.4|
| 6- 1|si| 5| Tz | -41.4| 0.0| 0.0| 41.4|
| 6- 1|si| 9| Ty | -41.4| 0.0| 0.0| 41.4|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -316.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -41.3| 0.0| 0.0| 41.3|
| 6- 1|si| 5| Tz | -41.3| 0.0| 0.0| 41.3|
| 6- 1|si| 9| Ty | -41.3| 0.0| 0.0| 41.3|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -315.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -41.2| 0.0| 0.0| 41.2|
| 6- 1|si| 5| Tz | -41.2| 0.0| 0.0| 41.2|
| 6- 1|si| 9| Ty | -41.2| 0.0| 0.0| 41.2|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -314.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -41.1| 0.0| 0.0| 41.1|
| 6- 1|si| 5| Tz | -41.1| 0.0| 0.0| 41.1|
| 6- 1|si| 9| Ty | -41.1| 0.0| 0.0| 41.1|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -321.4|Mzeq = 0.0|Myeq = 0.0|Ss = -67.6 ( 0.026)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 518- 519) 830
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -356.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -46.5| 0.0| 0.0| 46.5|
| 6- 1|si| 6| Tz | -46.5| 0.0| 0.0| 46.5|
| 6- 1|si| 9| Ty | -46.5| 0.0| 0.0| 46.5|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -355.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -46.4| 0.0| 0.0| 46.4|
| 6- 1|si| 6| Tz | -46.4| 0.0| 0.0| 46.4|
| 6- 1|si| 9| Ty | -46.4| 0.0| 0.0| 46.4|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -354.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -46.3| 0.0| 0.0| 46.3|
| 6- 1|si| 6| Tz | -46.3| 0.0| 0.0| 46.3|
| 6- 1|si| 9| Ty | -46.3| 0.0| 0.0| 46.3|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -353.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -46.2| 0.0| 0.0| 46.2|
| 6- 1|si| 6| Tz | -46.2| 0.0| 0.0| 46.2|
| 6- 1|si| 9| Ty | -46.2| 0.0| 0.0| 46.2|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -352.6| 0.0| 0.0|

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -46.1| 0.0| 0.0| 46.1|
| 6- 1|si| 6| Tz | -46.1| 0.0| 0.0| 46.1|
| 6- 1|si| 9| Ty | -46.1| 0.0| 0.0| 46.1|
----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -351.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -45.9| 0.0| 0.0| 45.9|
| 6- 1|si| 6| Tz | -45.9| 0.0| 0.0| 45.9|
| 6- 1|si| 9| Ty | -45.9| 0.0| 0.0| 45.9|
----- PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -350.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -45.8| 0.0| 0.0| 45.8|
| 6- 1|si| 6| Tz | -45.8| 0.0| 0.0| 45.8|
| 6- 1|si| 9| Ty | -45.8| 0.0| 0.0| 45.8|
----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -350.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -45.7| 0.0| 0.0| 45.7|
| 6- 1|si| 6| Tz | -45.7| 0.0| 0.0| 45.7|
| 6- 1|si| 9| Ty | -45.7| 0.0| 0.0| 45.7|
----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -349.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -45.6| 0.0| 0.0| 45.6|
| 6- 1|si| 6| Tz | -45.6| 0.0| 0.0| 45.6|
| 6- 1|si| 9| Ty | -45.6| 0.0| 0.0| 45.6|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -356.1|Mzeq = 0.0|Myeq = 0.0|Ss = -74.9 ( 0.029)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 520- 521) 831
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -282.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -279.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -36.9| 0.0| 0.0| 36.9|
| 5- 1|si| 6| Tz | -36.5| 0.0| 0.0| 36.5|
| 6- 1|si| 9| Ty | -36.9| 0.0| 0.0| 36.9|
----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -281.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -278.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -36.8| 0.0| 0.0| 36.8|
| 5- 1|si| 6| Tz | -36.4| 0.0| 0.0| 36.4|
| 6- 1|si| 9| Ty | -36.8| 0.0| 0.0| 36.8|
----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -281.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -277.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -36.7| 0.0| 0.0| 36.7|
| 5- 1|si| 6| Tz | -36.3| 0.0| 0.0| 36.3|
| 6- 1|si| 9| Ty | -36.7| 0.0| 0.0| 36.7|
----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -280.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -277.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -36.6| 0.0| 0.0| 36.6|
| 5- 1|si| 6| Tz | -36.2| 0.0| 0.0| 36.2|
| 6- 1|si| 9| Ty | -36.6| 0.0| 0.0| 36.6|
----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -279.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -276.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx | Si | -36.5| 0.0| 0.0| 36.5|

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Copertura area carburante - Relazione di calcolo

5- 1 si 6	Tz		-36.1	0.0	0.0	36.1						
6- 1 si 9	Ty		-36.5	0.0	0.0	36.5						
-----							PROGR.	55.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-278.4|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-275.3|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 2|Sx	Si	|	-36.4|		0.0|		0.0|		36.4|			
| 5- 1|si| 6|	Tz	|	-36.0|		0.0|		0.0|		36.0|			
| 6- 1|si| 9|	Ty	|	-36.4|		0.0|		0.0|		36.4|			
-----							PROGR.	66.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-277.6|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-274.5|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 2|Sx	Si	|	-36.3|		0.0|		0.0|		36.3|			
| 5- 1|si| 6|	Tz	|	-35.9|		0.0|		0.0|		35.9|			
| 6- 1|si| 9|	Ty	|	-36.3|		0.0|		0.0|		36.3|			
-----							PROGR.	77.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-276.7|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-273.6|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 2|Sx	Si	|	-36.1|		0.0|		0.0|		36.1|			
| 5- 1|si| 6|	Tz	|	-35.7|		0.0|		0.0|		35.7|			
| 6- 1|si| 9|	Ty	|	-36.1|		0.0|		0.0|		36.1|			
-----							PROGR.	88.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-275.8|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-272.8|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 2|Sx	Si	|	-36.0|		0.0|		0.0|		36.0|			
| 5- 1|si| 6|	Tz	|	-35.6|		0.0|		0.0|		35.6|			
| 6- 1|si| 9|	Ty	|	-36.0|		0.0|		0.0|		36.0|			

VERIFICA STABILITA` :												
|L0 =	88. |											
Z |Lc =	88. |Ro =	3.24|lm =	27.2|Ncr=	214856.6|	alfa(a)=	0.2100|	ki=	0.9744|				
Y |Lc =	88. |Ro =	1.05|lm =	83.6|Ncr=	22725.8|	alfa(b)=	0.3400|	ki=	0.6209|				
Caso 6- 1 - Nodo 2 - Asse Y												
Ned =	-282.7|	Mzeq =	0.0|	Myeq =	0.0|	Ss =	-59.5	(	0.023)		

P_IPE80_S008 (8)	stato limite ultimo - ASTA (570- 571)										928	
-----											PROGR.	0.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-303.8|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-283.8|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 1|Sx	Si	|	-39.7|		0.0|		0.0|		39.7|			
| 5- 1|si| 5|	Tz	|	-37.1|		0.0|		0.0|		37.1|			
| 6- 1|si| 9|	Ty	|	-39.7|		0.0|		0.0|		39.7|			
-----							PROGR.	11.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-302.9|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-282.9|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 3|Sx	Si	|	-39.6|		0.0|		0.0|		39.6|			
| 5- 1|si| 5|	Tz	|	-37.0|		0.0|		0.0|		37.0|			
| 6- 1|si| 9|	Ty	|	-39.6|		0.0|		0.0|		39.6|			
-----							PROGR.	22.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-302.1|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-282.0|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 3|Sx	Si	|	-39.5|		0.0|		0.0|		39.5|			
| 5- 1|si| 5|	Tz	|	-36.8|		0.0|		0.0|		36.8|			
| 6- 1|si| 9|	Ty	|	-39.5|		0.0|		0.0|		39.5|			
-----							PROGR.	33.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-301.2|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-281.2|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 3|Sx	Si	|	-39.3|		0.0|		0.0|		39.3|			
| 5- 1|si| 5|	Tz	|	-36.7|		0.0|		0.0|		36.7|			
| 6- 1|si| 9|	Ty	|	-39.3|		0.0|		0.0|		39.3|			
-----							PROGR.	44.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 6- 1|	0.0|		0.0|		0.0|		-300.4|		0.0|		0.0|	
| 5- 1|	0.0|		0.0|		0.0|		-280.3|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 3|Sx	Si	-39.2|	0.0|	0.0|	39.2|			
| 5- 1|si| 5| Tz		-36.6|	0.0|	0.0|	36.6|			
| 6- 1|si| 9| Ty		-39.2|	0.0|	0.0|	39.2|			
-----							55.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-299.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-279.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	-39.1|	0.0|	0.0|	39.1|			
| 5- 1|si| 5| Tz		-36.5|	0.0|	0.0|	36.5|			
| 6- 1|si| 9| Ty		-39.1|	0.0|	0.0|	39.1|			
-----							66.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-298.7|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-278.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	-39.0|	0.0|	0.0|	39.0|			
| 5- 1|si| 5| Tz		-36.4|	0.0|	0.0|	36.4|			
| 6- 1|si| 9| Ty		-39.0|	0.0|	0.0|	39.0|			
-----							77.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-297.8|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-277.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	-38.9|	0.0|	0.0|	38.9|			
| 5- 1|si| 5| Tz		-36.3|	0.0|	0.0|	36.3|			
| 6- 1|si| 9| Ty		-38.9|	0.0|	0.0|	38.9|			
-----							88.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-297.0|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-276.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	-38.8|	0.0|	0.0|	38.8|			
| 5- 1|si| 5| Tz		-36.2|	0.0|	0.0|	36.2|			
| 6- 1|si| 9| Ty		-38.8|	0.0|	0.0|	38.8|			

VERIFICA STABILITA` :								
L0 = 88. |								
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|								
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|								
Caso 6- 1 - Nodo 3 - Asse Y								
Ned = -303.8|Mzeq = 0.0|Myeq = 0.0|Ss = -63.9 (0.024)								

P_IPe80_s008 (8)	stato limite ultimo - ASTA (572- 573)						929	
-----							0.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-319.8|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-305.1|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-38.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	Si	-41.8|	0.0|	0.0|	41.8|			
| 5- 1|si| 6| Tz		-39.8|	0.0|	0.0|	39.8|			
| 12- 7|si| 9| Ty		-5.1|	0.0|	0.0|	5.1|			
-----							11.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-318.9|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-304.2|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-38.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	-41.7|	0.0|	0.0|	41.7|			
| 5- 1|si| 6| Tz		-39.7|	0.0|	0.0|	39.7|			
| 12- 7|si| 9| Ty		-5.0|	0.0|	0.0|	5.0|			
-----							22.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-318.1|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-303.4|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-37.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	-41.5|	0.0|	0.0|	41.5|			
| 5- 1|si| 6| Tz		-39.6|	0.0|	0.0|	39.6|			
| 12- 7|si| 9| Ty		-4.9|	0.0|	0.0|	4.9|			
-----							33.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-317.2|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-302.5|	0.0|	0.0|		
| 12- 7|	0.0|	0.0|	0.0|	-37.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	-41.4|	0.0|	0.0|	41.4|			
| 5- 1|si| 6| Tz		-39.5|	0.0|	0.0|	39.5|			
| 12- 7|si| 9| Ty		-4.8|	0.0|	0.0|	4.8|			
-----							44.	
SOLLECITAZIONI :								

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-316.4	0.0	0.0
5- 1	0.0	0.0	0.0	-301.7	0.0	0.0
12- 7	0.0	0.0	0.0	-36.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-41.3	0.0	41.3
5- 1	si	6	Tz		-39.4	0.0	39.4
12- 7	si	9	Ty		-4.7	0.0	4.7

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-315.5	0.0	0.0
5- 1	0.0	0.0	0.0	-300.8	0.0	0.0
12- 7	0.0	0.0	0.0	-35.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-41.2	0.0	41.2
5- 1	si	6	Tz		-39.3	0.0	39.3
12- 7	si	9	Ty		-4.7	0.0	4.7

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-314.6	0.0	0.0
5- 1	0.0	0.0	0.0	-300.0	0.0	0.0
12- 7	0.0	0.0	0.0	-35.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-41.1	0.0	41.1
5- 1	si	6	Tz		-39.2	0.0	39.2
12- 7	si	9	Ty		-4.6	0.0	4.6

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-313.8	0.0	0.0
5- 1	0.0	0.0	0.0	-299.1	0.0	0.0
12- 7	0.0	0.0	0.0	-34.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-41.0	0.0	41.0
5- 1	si	6	Tz		-39.1	0.0	39.1
12- 7	si	9	Ty		-4.5	0.0	4.5

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-312.9	0.0	0.0
5- 1	0.0	0.0	0.0	-298.3	0.0	0.0
12- 7	0.0	0.0	0.0	-33.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-40.9	0.0	40.9
5- 1	si	6	Tz		-39.0	0.0	39.0
12- 7	si	9	Ty		-4.4	0.0	4.4

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -319.8 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -67.3 (0.026)

P_IPE80_S008 (8) stato limite ultimo - ASTA (574- 575) 930
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-271.4	0.0	0.0
5- 1	0.0	0.0	0.0	-264.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-35.4	0.0	35.4
5- 1	si	6	Tz		-34.5	0.0	34.5
5- 1	si	9	Ty		-34.5	0.0	34.5

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-270.5	0.0	0.0
5- 1	0.0	0.0	0.0	-263.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-35.3	0.0	35.3
5- 1	si	6	Tz		-34.4	0.0	34.4
5- 1	si	9	Ty		-34.4	0.0	34.4

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-269.7	0.0	0.0
5- 1	0.0	0.0	0.0	-262.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-35.2	0.0	35.2
5- 1	si	6	Tz		-34.3	0.0	34.3
5- 1	si	9	Ty		-34.3	0.0	34.3

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-268.8	0.0	0.0
5- 1	0.0	0.0	0.0	-261.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-268.8	0.0	0.0
5- 1	0.0	0.0	0.0	-261.5	0.0	0.0

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-35.1	0.0	35.1
5-1	|si|	6	Tz		-34.2	0.0	34.2
5-1	|si|	9	Ty		-34.2	0.0	34.2

PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-268.0	0.0	0.0
5-1	0.0	0.0	0.0	-260.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-35.0	0.0	35.0
5-1	|si|	6	Tz		-34.0	0.0	34.0
5-1	|si|	9	Ty		-34.0	0.0	34.0

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-267.1	0.0	0.0
5-1	0.0	0.0	0.0	-259.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-34.9	0.0	34.9
5-1	|si|	6	Tz		-33.9	0.0	33.9
5-1	|si|	9	Ty		-33.9	0.0	33.9

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-266.3	0.0	0.0
5-1	0.0	0.0	0.0	-258.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-34.8	0.0	34.8
5-1	|si|	6	Tz		-33.8	0.0	33.8
5-1	|si|	9	Ty		-33.8	0.0	33.8

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-265.4	0.0	0.0
5-1	0.0	0.0	0.0	-258.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-34.7	0.0	34.7
5-1	|si|	6	Tz		-33.7	0.0	33.7
5-1	|si|	9	Ty		-33.7	0.0	33.7

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-264.6	0.0	0.0
5-1	0.0	0.0	0.0	-257.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-34.6	0.0	34.6
5-1	|si|	6	Tz		-33.6	0.0	33.6
5-1	|si|	9	Ty		-33.6	0.0	33.6

VERIFICA STABILITA` :

$L_0 = 88.1$
 $Z \quad |L_c = 88.1 | R_o = 3.24 | l_m = 27.2 | N_{cr} = 214856.6 | \alpha(a) = 0.2100 | k_i = 0.9744 |$
 $Y \quad |L_c = 88.1 | R_o = 1.05 | l_m = 83.6 | N_{cr} = 22725.8 | \alpha(b) = 0.3400 | k_i = 0.6209 |$
 Caso 6-1 - Nodo 2 - Asse Y
 $N_{ed} = -271.4 | M_{zeq} = 0.0 | M_{yeq} = 0.0 | S_s = -57.1 (0.022)$

P_IPE80_S008 (8) stato limite ultimo - ASTA (624- 625) 1027
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-300.6	0.0	0.0
5-1	0.0	0.0	0.0	-283.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	Si	-39.3	0.0	39.3
5-1	|si|	5	Tz		-37.0	0.0	37.0
6-1	|si|	9	Ty		-39.3	0.0	39.3

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-299.8	0.0	0.0
5-1	0.0	0.0	0.0	-282.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	-39.2	0.0	39.2
5-1	|si|	5	Tz		-36.9	0.0	36.9
6-1	|si|	9	Ty		-39.2	0.0	39.2

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-298.9	0.0	0.0
5-1	0.0	0.0	0.0	-281.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	Si	-39.0	0.0	39.0
5-1	|si|	5	Tz		-36.8	0.0	36.8
6-1	|si|	9	Ty		-39.0	0.0	39.0

PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-298.1	0.0	0.0
5-1	0.0	0.0	0.0	-280.7	0.0	0.0

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -38.9| 0.0| 0.0| 38.9|
| 5- 1|si| 5| Tz | -36.7| 0.0| 0.0| 36.7|
| 6- 1|si| 9| Ty | -38.9| 0.0| 0.0| 38.9|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -297.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -279.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -38.8| 0.0| 0.0| 38.8|
| 5- 1|si| 5| Tz | -36.5| 0.0| 0.0| 36.5|
| 6- 1|si| 9| Ty | -38.8| 0.0| 0.0| 38.8|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -296.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -279.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -38.7| 0.0| 0.0| 38.7|
| 5- 1|si| 5| Tz | -36.4| 0.0| 0.0| 36.4|
| 6- 1|si| 9| Ty | -38.7| 0.0| 0.0| 38.7|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -295.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -278.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -38.6| 0.0| 0.0| 38.6|
| 5- 1|si| 5| Tz | -36.3| 0.0| 0.0| 36.3|
| 6- 1|si| 9| Ty | -38.6| 0.0| 0.0| 38.6|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -294.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -277.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -38.5| 0.0| 0.0| 38.5|
| 5- 1|si| 5| Tz | -36.2| 0.0| 0.0| 36.2|
| 6- 1|si| 9| Ty | -38.5| 0.0| 0.0| 38.5|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -293.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -276.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -38.4| 0.0| 0.0| 38.4|
| 5- 1|si| 5| Tz | -36.1| 0.0| 0.0| 36.1|
| 6- 1|si| 9| Ty | -38.4| 0.0| 0.0| 38.4|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -300.6|Mzeq = 0.0|Myeq = 0.0|Ss = -63.2 ( 0.024)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 626- 627) 1028
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -278.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -266.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -36.4| 0.0| 0.0| 36.4|
| 5- 1|si| 6| Tz | -34.8| 0.0| 0.0| 34.8|
| 5- 1|si| 9| Ty | -34.8| 0.0| 0.0| 34.8|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -277.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -265.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -36.3| 0.0| 0.0| 36.3|
| 5- 1|si| 6| Tz | -34.7| 0.0| 0.0| 34.7|
| 5- 1|si| 9| Ty | -34.7| 0.0| 0.0| 34.7|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -276.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -264.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -36.1| 0.0| 0.0| 36.1|
| 5- 1|si| 6| Tz | -34.6| 0.0| 0.0| 34.6|
| 5- 1|si| 9| Ty | -34.6| 0.0| 0.0| 34.6|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -275.9| 0.0| 0.0|

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Copertura area carburante - Relazione di calcolo

```

| 5- 1|          0.0|          0.0|          0.0| -264.0|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -36.0| 0.0| 0.0| 36.0|
| 5- 1|si| 6| Tz | -34.5| 0.0| 0.0| 34.5|
| 5- 1|si| 9| Ty | -34.5| 0.0| 0.0| 34.5|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -275.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -263.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -35.9| 0.0| 0.0| 35.9|
| 5- 1|si| 6| Tz | -34.4| 0.0| 0.0| 34.4|
| 5- 1|si| 9| Ty | -34.4| 0.0| 0.0| 34.4|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -274.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -262.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -35.8| 0.0| 0.0| 35.8|
| 5- 1|si| 6| Tz | -34.3| 0.0| 0.0| 34.3|
| 5- 1|si| 9| Ty | -34.3| 0.0| 0.0| 34.3|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -273.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -261.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -35.7| 0.0| 0.0| 35.7|
| 5- 1|si| 6| Tz | -34.1| 0.0| 0.0| 34.1|
| 5- 1|si| 9| Ty | -34.1| 0.0| 0.0| 34.1|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -272.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -260.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -35.6| 0.0| 0.0| 35.6|
| 5- 1|si| 6| Tz | -34.0| 0.0| 0.0| 34.0|
| 5- 1|si| 9| Ty | -34.0| 0.0| 0.0| 34.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -271.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -259.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -35.5| 0.0| 0.0| 35.5|
| 5- 1|si| 6| Tz | -33.9| 0.0| 0.0| 33.9|
| 5- 1|si| 9| Ty | -33.9| 0.0| 0.0| 33.9|
-----
VERIFICA STABILITA' :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -278.4|Mzeq = 0.0|Myeq = 0.0|Ss = -58.6 ( 0.022)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 660- 661) 1093
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -364.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -342.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -47.6| 0.0| 0.0| 47.6|
| 5- 1|si| 5| Tz | -44.7| 0.0| 0.0| 44.7|
| 6- 1|si| 9| Ty | -47.6| 0.0| 0.0| 47.6|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -363.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -341.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -47.5| 0.0| 0.0| 47.5|
| 5- 1|si| 5| Tz | -44.6| 0.0| 0.0| 44.6|
| 6- 1|si| 9| Ty | -47.5| 0.0| 0.0| 47.5|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -362.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -340.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -47.4| 0.0| 0.0| 47.4|
| 5- 1|si| 5| Tz | -44.5| 0.0| 0.0| 44.5|
| 6- 1|si| 9| Ty | -47.4| 0.0| 0.0| 47.4|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

6- 1	0.0	0.0	0.0	-362.1	0.0	0.0
5- 1	0.0	0.0	0.0	-339.6	0.0	0.0

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	-47.3|	0.0|	0.0|	47.3|
| 5- 1|si| 5| Tz |		-44.4|	0.0|	0.0|	44.4|
| 6- 1|si| 9| Ty |		-47.3|	0.0|	0.0|	47.3|

----- PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-361.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-338.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	-47.2|	0.0|	0.0|	47.2|
| 5- 1|si| 5| Tz |		-44.2|	0.0|	0.0|	44.2|
| 6- 1|si| 9| Ty |		-47.2|	0.0|	0.0|	47.2|

----- PROGR. 55.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-360.4|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-337.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	-47.1|	0.0|	0.0|	47.1|
| 5- 1|si| 5| Tz |		-44.1|	0.0|	0.0|	44.1|
| 6- 1|si| 9| Ty |		-47.1|	0.0|	0.0|	47.1|

----- PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-359.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-337.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	-47.0|	0.0|	0.0|	47.0|
| 5- 1|si| 5| Tz |		-44.0|	0.0|	0.0|	44.0|
| 6- 1|si| 9| Ty |		-47.0|	0.0|	0.0|	47.0|

----- PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-358.7|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-336.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	-46.8|	0.0|	0.0|	46.8|
| 5- 1|si| 5| Tz |		-43.9|	0.0|	0.0|	43.9|
| 6- 1|si| 9| Ty |		-46.8|	0.0|	0.0|	46.8|

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-357.8|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-335.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	-46.7|	0.0|	0.0|	46.7|
| 5- 1|si| 5| Tz |		-43.8|	0.0|	0.0|	43.8|
| 6- 1|si| 9| Ty |		-46.7|	0.0|	0.0|	46.7|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 6- 1 - Nodo 3 - Asse Y
 Ned = -364.6|Mzeq = 0.0|Myeq = 0.0|Ss = -76.7 (0.029)

P_IPE80_S008 (8) stato limite ultimo - ASTA (662- 663) 1094
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-342.0|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-325.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si |	-44.7|	0.0|	0.0|	44.7|
| 5- 1|si| 6| Tz |		-42.5|	0.0|	0.0|	42.5|
| 5- 1|si| 9| Ty |		-42.5|	0.0|	0.0|	42.5|

----- PROGR. 11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-341.1|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-324.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-44.6|	0.0|	0.0|	44.6|
| 5- 1|si| 6| Tz |		-42.4|	0.0|	0.0|	42.4|
| 5- 1|si| 9| Ty |		-42.4|	0.0|	0.0|	42.4|

----- PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-340.3|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-323.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-44.4|	0.0|	0.0|	44.4|
| 5- 1|si| 6| Tz |		-42.3|	0.0|	0.0|	42.3|
| 5- 1|si| 9| Ty |		-42.3|	0.0|	0.0|	42.3|

----- PROGR. 33.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-339.4	0.0	0.0
5-1	0.0	0.0	0.0	-322.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-44.3	0.0	0.0	44.3
5-1	si	6	Tz		-42.2	0.0	0.0	42.2
5-1	si	9	Ty		-42.2	0.0	0.0	42.2

PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-338.6	0.0	0.0
5-1	0.0	0.0	0.0	-322.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-44.2	0.0	0.0	44.2
5-1	si	6	Tz		-42.1	0.0	0.0	42.1
5-1	si	9	Ty		-42.1	0.0	0.0	42.1

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-337.7	0.0	0.0
5-1	0.0	0.0	0.0	-321.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-44.1	0.0	0.0	44.1
5-1	si	6	Tz		-41.9	0.0	0.0	41.9
5-1	si	9	Ty		-41.9	0.0	0.0	41.9

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-336.9	0.0	0.0
5-1	0.0	0.0	0.0	-320.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-44.0	0.0	0.0	44.0
5-1	si	6	Tz		-41.8	0.0	0.0	41.8
5-1	si	9	Ty		-41.8	0.0	0.0	41.8

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-336.0	0.0	0.0
5-1	0.0	0.0	0.0	-319.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-43.9	0.0	0.0	43.9
5-1	si	6	Tz		-41.7	0.0	0.0	41.7
5-1	si	9	Ty		-41.7	0.0	0.0	41.7

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-335.2	0.0	0.0
5-1	0.0	0.0	0.0	-318.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-43.8	0.0	0.0	43.8
5-1	si	6	Tz		-41.6	0.0	0.0	41.6
5-1	si	9	Ty		-41.6	0.0	0.0	41.6

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -342.0 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -71.9 (0.027)

P_IPE80_S008 (8) stato limite ultimo - ASTA (696- 697) 1159
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-406.6	0.0	0.0
5-1	0.0	0.0	0.0	-383.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-53.1	0.0	0.0	53.1
5-1	si	5	Tz		-50.0	0.0	0.0	50.0
6-1	si	9	Ty		-53.1	0.0	0.0	53.1

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-405.8	0.0	0.0
5-1	0.0	0.0	0.0	-382.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-53.0	0.0	0.0	53.0
5-1	si	5	Tz		-49.9	0.0	0.0	49.9
6-1	si	9	Ty		-53.0	0.0	0.0	53.0

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-404.9	0.0	0.0
5-1	0.0	0.0	0.0	-381.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	-52.9	0.0	0.0	52.9
5-1	si	5	Tz		-49.8	0.0	0.0	49.8
6-1	si	9	Ty		-52.9	0.0	0.0	52.9

PROGR. 33.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-404.0	0.0	0.0
5- 1	0.0	0.0	0.0	-380.6	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-52.8	0.0	0.0	52.8
5- 1	si	5	Tz	-49.7	0.0	0.0	49.7	
6- 1	si	9	Ty	-52.8	0.0	0.0	52.8	

----- PROGR. 44.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-403.2	0.0	0.0
5- 1	0.0	0.0	0.0	-379.7	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-52.7	0.0	0.0	52.7
5- 1	si	5	Tz	-49.6	0.0	0.0	49.6	
6- 1	si	9	Ty	-52.7	0.0	0.0	52.7	

----- PROGR. 55.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-402.3	0.0	0.0
5- 1	0.0	0.0	0.0	-378.9	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-52.6	0.0	0.0	52.6
5- 1	si	5	Tz	-49.5	0.0	0.0	49.5	
6- 1	si	9	Ty	-52.6	0.0	0.0	52.6	

----- PROGR. 66.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-401.5	0.0	0.0
5- 1	0.0	0.0	0.0	-378.0	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-52.4	0.0	0.0	52.4
5- 1	si	5	Tz	-49.4	0.0	0.0	49.4	
6- 1	si	9	Ty	-52.4	0.0	0.0	52.4	

----- PROGR. 77.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-400.6	0.0	0.0
5- 1	0.0	0.0	0.0	-377.2	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-52.3	0.0	0.0	52.3
5- 1	si	5	Tz	-49.3	0.0	0.0	49.3	
6- 1	si	9	Ty	-52.3	0.0	0.0	52.3	

----- PROGR. 88.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-399.8	0.0	0.0
5- 1	0.0	0.0	0.0	-376.3	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-52.2	0.0	0.0	52.2
5- 1	si	5	Tz	-49.2	0.0	0.0	49.2	
6- 1	si	9	Ty	-52.2	0.0	0.0	52.2	

 VERIFICA STABILITA` :

l0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 3 - Asse Y
 Ned = -406.6 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -85.5 (0.033)

P_IPE80_S008 (8) stato limite ultimo - ASTA (698- 699) 1160
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-428.3	0.0	0.0
5- 1	0.0	0.0	0.0	-418.1	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-55.9	0.0	0.0	55.9
5- 1	si	5	Tz	-54.6	0.0	0.0	54.6	
5- 1	si	9	Ty	-54.6	0.0	0.0	54.6	

----- PROGR. 11.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-427.5	0.0	0.0
5- 1	0.0	0.0	0.0	-417.2	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-55.8	0.0	0.0	55.8
5- 1	si	5	Tz	-54.5	0.0	0.0	54.5	
5- 1	si	9	Ty	-54.5	0.0	0.0	54.5	

----- PROGR. 22.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-426.6	0.0	0.0
5- 1	0.0	0.0	0.0	-416.4	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-55.7	0.0	0.0	55.7
5- 1	si	5	Tz	-54.4	0.0	0.0	54.4	
5- 1	si	9	Ty	-54.4	0.0	0.0	54.4	

Copertura area carburante - Relazione di calcolo

-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-425.8|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-415.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|	|si| 3|	Sx Si|	-55.6|	0.0|	0.0|	55.6|		
| 5- 1|	|si| 5|	Tz |	-54.3|	0.0|	0.0|	54.3|		
| 5- 1|	|si| 9|	Ty |	-54.3|	0.0|	0.0|	54.3|		
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-424.9|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-414.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|	|si| 3|	Sx Si|	-55.5|	0.0|	0.0|	55.5|		
| 5- 1|	|si| 5|	Tz |	-54.2|	0.0|	0.0|	54.2|		
| 5- 1|	|si| 9|	Ty |	-54.2|	0.0|	0.0|	54.2|		
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-424.1|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-413.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|	|si| 3|	Sx Si|	-55.4|	0.0|	0.0|	55.4|		
| 5- 1|	|si| 5|	Tz |	-54.1|	0.0|	0.0|	54.1|		
| 5- 1|	|si| 9|	Ty |	-54.1|	0.0|	0.0|	54.1|		
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-423.2|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-413.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|	|si| 3|	Sx Si|	-55.3|	0.0|	0.0|	55.3|		
| 5- 1|	|si| 5|	Tz |	-53.9|	0.0|	0.0|	53.9|		
| 5- 1|	|si| 9|	Ty |	-53.9|	0.0|	0.0|	53.9|		
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-422.4|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-412.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|	|si| 3|	Sx Si|	-55.2|	0.0|	0.0|	55.2|		
| 5- 1|	|si| 5|	Tz |	-53.8|	0.0|	0.0|	53.8|		
| 5- 1|	|si| 9|	Ty |	-53.8|	0.0|	0.0|	53.8|		
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-421.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-411.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|	|si| 3|	Sx Si|	-55.1|	0.0|	0.0|	55.1|		
| 5- 1|	|si| 5|	Tz |	-53.7|	0.0|	0.0|	53.7|		
| 5- 1|	|si| 9|	Ty |	-53.7|	0.0|	0.0|	53.7|		

VERIFICA STABILITA` :								
|L0 = 88. |								
Z |Lc =	88. |	Ro =	3.24|	lm =	27.2|	Ncr=	214856.6|	
Y |Lc =	88. |	Ro =	1.05|	lm =	83.6|	Ncr=	22725.8|	
Caso 6- 1 - Nodo 3 - Asse Y								
Ned =	-428.3|	Mzeq =	0.0|	Myeq =	0.0|	Ss =	-90.1 (0.034)	
P_IPE80_S008 (8) stato limite ultimo - ASTA (700- 701)							1161	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-366.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 1|	Sx Si|	-47.8|	0.0|	0.0|	47.8|		
| 5- 1|	|si| 6|	Tz |	-47.8|	0.0|	0.0|	47.8|		
| 5- 1|	|si| 9|	Ty |	-47.8|	0.0|	0.0|	47.8|		
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-365.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 2|	Sx Si|	-47.7|	0.0|	0.0|	47.7|		
| 5- 1|	|si| 6|	Tz |	-47.7|	0.0|	0.0|	47.7|		
| 5- 1|	|si| 9|	Ty |	-47.7|	0.0|	0.0|	47.7|		
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-364.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 2|	Sx Si|	-47.6|	0.0|	0.0|	47.6|		
| 5- 1|	|si| 6|	Tz |	-47.6|	0.0|	0.0|	47.6|		
| 5- 1|	|si| 9|	Ty |	-47.6|	0.0|	0.0|	47.6|		
-----							PROGR.	33.
SOLLECITAZIONI :								

Copertura area carburante - Relazione di calcolo

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| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -363.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si | -47.5 |      0.0 |      0.0 |      47.5 |
| 5- 1|si| 6| Tz |      Ty | -47.5 |      0.0 |      0.0 |      47.5 |
| 5- 1|si| 9|      Ty |      Ty | -47.5 |      0.0 |      0.0 |      47.5 |
----- PROGR. 44.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -362.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si | -47.4 |      0.0 |      0.0 |      47.4 |
| 5- 1|si| 6| Tz |      Ty | -47.4 |      0.0 |      0.0 |      47.4 |
| 5- 1|si| 9|      Ty |      Ty | -47.4 |      0.0 |      0.0 |      47.4 |
----- PROGR. 55.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -361.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si | -47.3 |      0.0 |      0.0 |      47.3 |
| 5- 1|si| 6| Tz |      Ty | -47.3 |      0.0 |      0.0 |      47.3 |
| 5- 1|si| 9|      Ty |      Ty | -47.3 |      0.0 |      0.0 |      47.3 |
----- PROGR. 66.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -361.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si | -47.1 |      0.0 |      0.0 |      47.1 |
| 5- 1|si| 6| Tz |      Ty | -47.1 |      0.0 |      0.0 |      47.1 |
| 5- 1|si| 9|      Ty |      Ty | -47.1 |      0.0 |      0.0 |      47.1 |
----- PROGR. 77.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -360.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si | -47.0 |      0.0 |      0.0 |      47.0 |
| 5- 1|si| 6| Tz |      Ty | -47.0 |      0.0 |      0.0 |      47.0 |
| 5- 1|si| 9|      Ty |      Ty | -47.0 |      0.0 |      0.0 |      47.0 |
----- PROGR. 88.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -359.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si | -46.9 |      0.0 |      0.0 |      46.9 |
| 5- 1|si| 6| Tz |      Ty | -46.9 |      0.0 |      0.0 |      46.9 |
| 5- 1|si| 9|      Ty |      Ty | -46.9 |      0.0 |      0.0 |      46.9 |
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -366.1 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -77.0 ( 0.029)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 786- 787) 1527
----- PROGR. 0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1329.8 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1317.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx |      Si | -173.7 |      0.0 |      0.0 |      173.7 |
| 5- 1|si| 5| Tz |      Ty | -173.7 |      0.0 |      0.0 |      173.7 |
| 6- 1|si| 9|      Ty |      Ty | -172.1 |      0.0 |      0.0 |      172.1 |
----- PROGR. 11.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1328.9 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1316.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |      Si | -173.6 |      0.0 |      0.0 |      173.6 |
| 5- 1|si| 5| Tz |      Ty | -173.6 |      0.0 |      0.0 |      173.6 |
| 6- 1|si| 9|      Ty |      Ty | -172.0 |      0.0 |      0.0 |      172.0 |
----- PROGR. 22.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1328.1 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1316.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |      Si | -173.5 |      0.0 |      0.0 |      173.5 |
| 5- 1|si| 5| Tz |      Ty | -173.5 |      0.0 |      0.0 |      173.5 |
| 6- 1|si| 9|      Ty |      Ty | -171.9 |      0.0 |      0.0 |      171.9 |
----- PROGR. 33.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1327.2 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1315.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |

```

Copertura area carburante - Relazione di calcolo

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| 5- 1|si| 3|Sx  Si| -173.4| 0.0| 0.0| 173.4|
| 5- 1|si| 5| Tz  | -173.4| 0.0| 0.0| 173.4|
| 6- 1|si| 9| Ty  | -171.8| 0.0| 0.0| 171.8|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1326.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1314.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx  Si| -173.2| 0.0| 0.0| 173.2|
| 5- 1|si| 5| Tz  | -173.2| 0.0| 0.0| 173.2|
| 6- 1|si| 9| Ty  | -171.7| 0.0| 0.0| 171.7|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1325.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1313.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx  Si| -173.1| 0.0| 0.0| 173.1|
| 5- 1|si| 5| Tz  | -173.1| 0.0| 0.0| 173.1|
| 6- 1|si| 9| Ty  | -171.6| 0.0| 0.0| 171.6|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1324.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1312.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx  Si| -173.0| 0.0| 0.0| 173.0|
| 5- 1|si| 5| Tz  | -173.0| 0.0| 0.0| 173.0|
| 6- 1|si| 9| Ty  | -171.4| 0.0| 0.0| 171.4|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1323.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1311.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx  Si| -172.9| 0.0| 0.0| 172.9|
| 5- 1|si| 5| Tz  | -172.9| 0.0| 0.0| 172.9|
| 6- 1|si| 9| Ty  | -171.3| 0.0| 0.0| 171.3|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1322.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1310.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx  Si| -172.8| 0.0| 0.0| 172.8|
| 5- 1|si| 5| Tz  | -172.8| 0.0| 0.0| 172.8|
| 6- 1|si| 9| Ty  | -171.2| 0.0| 0.0| 171.2|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 3 - Asse Y
Ned = -1329.8|Mzeq = 0.0|Myeq = 0.0|Ss = -279.7 ( 0.107)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 788- 789) 1528
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1430.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -186.9| 0.0| 0.0| 186.9|
| 6- 1|si| 5| Tz  | -186.9| 0.0| 0.0| 186.9|
| 6- 1|si| 9| Ty  | -186.9| 0.0| 0.0| 186.9|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1429.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -186.8| 0.0| 0.0| 186.8|
| 6- 1|si| 5| Tz  | -186.8| 0.0| 0.0| 186.8|
| 6- 1|si| 9| Ty  | -186.8| 0.0| 0.0| 186.8|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1429.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -186.6| 0.0| 0.0| 186.6|
| 6- 1|si| 5| Tz  | -186.6| 0.0| 0.0| 186.6|
| 6- 1|si| 9| Ty  | -186.6| 0.0| 0.0| 186.6|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1428.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx  Si| -186.5| 0.0| 0.0| 186.5|
| 6- 1|si| 5| Tz  | -186.5| 0.0| 0.0| 186.5|
| 6- 1|si| 9| Ty  | -186.5| 0.0| 0.0| 186.5|

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Copertura area carburante - Relazione di calcolo

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----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1427.3 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -186.4 | 0.0 | 0.0 | 186.4 |
| 6- 1|si| 5 | Tz | -186.4 | 0.0 | 0.0 | 186.4 |
| 6- 1|si| 9 | Ty | -186.4 | 0.0 | 0.0 | 186.4 |
----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1426.4 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -186.3 | 0.0 | 0.0 | 186.3 |
| 6- 1|si| 5 | Tz | -186.3 | 0.0 | 0.0 | 186.3 |
| 6- 1|si| 9 | Ty | -186.3 | 0.0 | 0.0 | 186.3 |
----- PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1425.6 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -186.2 | 0.0 | 0.0 | 186.2 |
| 6- 1|si| 5 | Tz | -186.2 | 0.0 | 0.0 | 186.2 |
| 6- 1|si| 9 | Ty | -186.2 | 0.0 | 0.0 | 186.2 |
----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1424.7 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -186.1 | 0.0 | 0.0 | 186.1 |
| 6- 1|si| 5 | Tz | -186.1 | 0.0 | 0.0 | 186.1 |
| 6- 1|si| 9 | Ty | -186.1 | 0.0 | 0.0 | 186.1 |
----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1423.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| -186.0 | 0.0 | 0.0 | 186.0 |
| 6- 1|si| 5 | Tz | -186.0 | 0.0 | 0.0 | 186.0 |
| 6- 1|si| 9 | Ty | -186.0 | 0.0 | 0.0 | 186.0 |
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -1430.7 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -300.9 ( 0.115)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 790- 791) 1529
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1368.6 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -178.8 | 0.0 | 0.0 | 178.8 |
| 6- 1|si| 6 | Tz | -178.8 | 0.0 | 0.0 | 178.8 |
| 6- 1|si| 9 | Ty | -178.8 | 0.0 | 0.0 | 178.8 |
----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1367.7 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -178.6 | 0.0 | 0.0 | 178.6 |
| 6- 1|si| 6 | Tz | -178.6 | 0.0 | 0.0 | 178.6 |
| 6- 1|si| 9 | Ty | -178.6 | 0.0 | 0.0 | 178.6 |
----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1366.9 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -178.5 | 0.0 | 0.0 | 178.5 |
| 6- 1|si| 6 | Tz | -178.5 | 0.0 | 0.0 | 178.5 |
| 6- 1|si| 9 | Ty | -178.5 | 0.0 | 0.0 | 178.5 |
----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1366.0 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -178.4 | 0.0 | 0.0 | 178.4 |
| 6- 1|si| 6 | Tz | -178.4 | 0.0 | 0.0 | 178.4 |
| 6- 1|si| 9 | Ty | -178.4 | 0.0 | 0.0 | 178.4 |
----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1365.1 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -178.3 | 0.0 | 0.0 | 178.3 |
| 6- 1|si| 6 | Tz | -178.3 | 0.0 | 0.0 | 178.3 |

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Copertura area carburante - Relazione di calcolo

6- 1 si 9	Ty		-178.3	0.0	0.0	178.3			

55. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1364.3|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|Sx	Si	|	-178.2|		0.0|		0.0|		178.2|
| 6- 1|si| 6|	Tz	|	-178.2|		0.0|		0.0|		178.2|
| 6- 1|si| 9|	Ty	|	-178.2|		0.0|		0.0|		178.2|

66. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1363.4|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|Sx	Si	|	-178.1|		0.0|		0.0|		178.1|
| 6- 1|si| 6|	Tz	|	-178.1|		0.0|		0.0|		178.1|
| 6- 1|si| 9|	Ty	|	-178.1|		0.0|		0.0|		178.1|

77. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1362.6|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|Sx	Si	|	-178.0|		0.0|		0.0|		178.0|
| 6- 1|si| 6|	Tz	|	-178.0|		0.0|		0.0|		178.0|
| 6- 1|si| 9|	Ty	|	-178.0|		0.0|		0.0|		178.0|

88. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1361.7|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|Sx	Si	|	-177.9|		0.0|		0.0|		177.9|
| 6- 1|si| 6|	Tz	|	-177.9|		0.0|		0.0|		177.9|
| 6- 1|si| 9|	Ty	|	-177.9|		0.0|		0.0|		177.9|

VERIFICA STABILITA` :									
|L0 = 88. |									
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|									
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|									
Caso 6- 1 - Nodo 2 - Asse Y									
Ned = -1368.6|Mzeq = 0.0|Myeq = 0.0|Ss = -287.9 (0.110)									

P_IPE80_S008 (8) stato limite ultimo - ASTA (792- 793) 1530									

0. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1695.9|		0.0|
| 5- 1|	0.0|		0.0|		0.0|		-1678.4|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 1|Sx	Si	|	-221.5|		0.0|		0.0|		221.5|
| 5- 1|si| 6|	Tz	|	-219.2|		0.0|		0.0|		219.2|
| 5- 1|si| 9|	Ty	|	-219.2|		0.0|		0.0|		219.2|

11. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1695.1|		0.0|
| 5- 1|	0.0|		0.0|		0.0|		-1677.5|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|Sx	Si	|	-221.4|		0.0|		0.0|		221.4|
| 5- 1|si| 6|	Tz	|	-219.1|		0.0|		0.0|		219.1|
| 5- 1|si| 9|	Ty	|	-219.1|		0.0|		0.0|		219.1|

22. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1694.2|		0.0|
| 5- 1|	0.0|		0.0|		0.0|		-1676.7|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|Sx	Si	|	-221.3|		0.0|		0.0|		221.3|
| 5- 1|si| 6|	Tz	|	-219.0|		0.0|		0.0|		219.0|
| 5- 1|si| 9|	Ty	|	-219.0|		0.0|		0.0|		219.0|

33. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1693.4|		0.0|
| 5- 1|	0.0|		0.0|		0.0|		-1675.8|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|Sx	Si	|	-221.2|		0.0|		0.0|		221.2|
| 5- 1|si| 6|	Tz	|	-218.9|		0.0|		0.0|		218.9|
| 5- 1|si| 9|	Ty	|	-218.9|		0.0|		0.0|		218.9|

44. SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-1692.5|		0.0|
| 5- 1|	0.0|		0.0|		0.0|		-1675.0|		0.0|
TY | 0.0|									
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 2|Sx	Si	|	-221.1|		0.0|		0.0|		221.1|
| 5- 1|si| 6|	Tz	|	-218.8|		0.0|		0.0|		218.8|
5- 1 si 9	Ty		-218.8		0.0		0.0		218.8

55. SOLLECITAZIONI :									

Copertura area carburante - Relazione di calcolo

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| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1691.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1674.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -221.0 |      0.0 |      0.0 | 221.0 |
| 5- 1|si| 6|  Tz |      -218.7 |      0.0 |      0.0 | 218.7 |
| 5- 1|si| 9|  Ty |      -218.7 |      0.0 |      0.0 | 218.7 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1690.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1673.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -220.8 |      0.0 |      0.0 | 220.8 |
| 5- 1|si| 6|  Tz |      -218.5 |      0.0 |      0.0 | 218.5 |
| 5- 1|si| 9|  Ty |      -218.5 |      0.0 |      0.0 | 218.5 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1690.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1672.4 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -220.7 |      0.0 |      0.0 | 220.7 |
| 5- 1|si| 6|  Tz |      -218.4 |      0.0 |      0.0 | 218.4 |
| 5- 1|si| 9|  Ty |      -218.4 |      0.0 |      0.0 | 218.4 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1689.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1671.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 2|Sx |Si| -220.6 |      0.0 |      0.0 | 220.6 |
| 5- 1|si| 6|  Tz |      -218.3 |      0.0 |      0.0 | 218.3 |
| 5- 1|si| 9|  Ty |      -218.3 |      0.0 |      0.0 | 218.3 |
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -1695.9 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -356.7 ( 0.136)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 794- 795) 1531
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1676.5 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1666.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si| -219.0 |      0.0 |      0.0 | 219.0 |
| 5- 1|si| 5|  Tz |      -217.7 |      0.0 |      0.0 | 217.7 |
| 6- 1|si| 9|  Ty |      -219.0 |      0.0 |      0.0 | 219.0 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1675.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1666.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx |Si| -218.9 |      0.0 |      0.0 | 218.9 |
| 5- 1|si| 5|  Tz |      -217.6 |      0.0 |      0.0 | 217.6 |
| 6- 1|si| 9|  Ty |      -218.9 |      0.0 |      0.0 | 218.9 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1674.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1665.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx |Si| -218.8 |      0.0 |      0.0 | 218.8 |
| 5- 1|si| 5|  Tz |      -217.5 |      0.0 |      0.0 | 217.5 |
| 6- 1|si| 9|  Ty |      -218.8 |      0.0 |      0.0 | 218.8 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1674.0 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1664.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx |Si| -218.6 |      0.0 |      0.0 | 218.6 |
| 5- 1|si| 5|  Tz |      -217.4 |      0.0 |      0.0 | 217.4 |
| 6- 1|si| 9|  Ty |      -218.6 |      0.0 |      0.0 | 218.6 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1673.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1663.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx |Si| -218.5 |      0.0 |      0.0 | 218.5 |
| 5- 1|si| 5|  Tz |      -217.3 |      0.0 |      0.0 | 217.3 |
| 6- 1|si| 9|  Ty |      -218.5 |      0.0 |      0.0 | 218.5 |
-----

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Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1672.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1662.6 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx  |Si| -218.4 |      0.0 |      0.0 | 218.4 |
| 5- 1|si| 5|  Tz | -217.2 |      0.0 |      0.0 | 217.2 |
| 6- 1|si| 9|  Ty | -218.4 |      0.0 |      0.0 | 218.4 |
----- PROGR.      66.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1671.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1661.8 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx  |Si| -218.3 |      0.0 |      0.0 | 218.3 |
| 5- 1|si| 5|  Tz | -217.0 |      0.0 |      0.0 | 217.0 |
| 6- 1|si| 9|  Ty | -218.3 |      0.0 |      0.0 | 218.3 |
----- PROGR.      77.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1670.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1660.9 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx  |Si| -218.2 |      0.0 |      0.0 | 218.2 |
| 5- 1|si| 5|  Tz | -216.9 |      0.0 |      0.0 | 216.9 |
| 6- 1|si| 9|  Ty | -218.2 |      0.0 |      0.0 | 218.2 |
----- PROGR.      88.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1669.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1660.0 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx  |Si| -218.1 |      0.0 |      0.0 | 218.1 |
| 5- 1|si| 5|  Tz | -216.8 |      0.0 |      0.0 | 216.8 |
| 6- 1|si| 9|  Ty | -218.1 |      0.0 |      0.0 | 218.1 |
----- PROGR.      88.

VERIFICA STABILITA` :

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -1676.5|Mzeq = 0.0|Myeq = 0.0|Ss = -352.6 ( 0.135)

P_IPE80_S008 ( 8) ----- stato limite ultimo - ASTA ( 796- 797) 1532
----- PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1369.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1343.4 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx  |Si| -178.8 |      0.0 |      0.0 | 178.8 |
| 6- 1|si| 5|  Tz | -178.8 |      0.0 |      0.0 | 178.8 |
| 5- 1|si| 9|  Ty | -175.5 |      0.0 |      0.0 | 175.5 |
----- PROGR.      11.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1368.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1342.5 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx  |Si| -178.7 |      0.0 |      0.0 | 178.7 |
| 6- 1|si| 5|  Tz | -178.7 |      0.0 |      0.0 | 178.7 |
| 5- 1|si| 9|  Ty | -175.3 |      0.0 |      0.0 | 175.3 |
----- PROGR.      22.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1367.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1341.7 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx  |Si| -178.6 |      0.0 |      0.0 | 178.6 |
| 6- 1|si| 5|  Tz | -178.6 |      0.0 |      0.0 | 178.6 |
| 5- 1|si| 9|  Ty | -175.2 |      0.0 |      0.0 | 175.2 |
----- PROGR.      33.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1366.7 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1340.8 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx  |Si| -178.5 |      0.0 |      0.0 | 178.5 |
| 6- 1|si| 5|  Tz | -178.5 |      0.0 |      0.0 | 178.5 |
| 5- 1|si| 9|  Ty | -175.1 |      0.0 |      0.0 | 175.1 |
----- PROGR.      44.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1365.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1340.0 |      0.0 |      0.0 |
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx  |Si| -178.4 |      0.0 |      0.0 | 178.4 |
| 6- 1|si| 5|  Tz | -178.4 |      0.0 |      0.0 | 178.4 |
| 5- 1|si| 9|  Ty | -175.0 |      0.0 |      0.0 | 175.0 |

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Copertura area carburante - Relazione di calcolo

-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1365.0|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1339.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 3|Sx	Si	-178.3|	0.0|	0.0|	178.3|		
| 6- 1|	|si| 5| Tz		-178.3|	0.0|	0.0|	178.3|		
| 5- 1|	|si| 9| Ty		-174.9|	0.0|	0.0|	174.9|		
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1364.2|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1338.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 3|Sx	Si	-178.2|	0.0|	0.0|	178.2|		
| 6- 1|	|si| 5| Tz		-178.2|	0.0|	0.0|	178.2|		
| 5- 1|	|si| 9| Ty		-174.8|	0.0|	0.0|	174.8|		
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1363.3|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1337.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 3|Sx	Si	-178.1|	0.0|	0.0|	178.1|		
| 6- 1|	|si| 5| Tz		-178.1|	0.0|	0.0|	178.1|		
| 5- 1|	|si| 9| Ty		-174.7|	0.0|	0.0|	174.7|		
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1362.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1336.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 3|Sx	Si	-178.0|	0.0|	0.0|	178.0|		
| 6- 1|	|si| 5| Tz		-178.0|	0.0|	0.0|	178.0|		
| 5- 1|	|si| 9| Ty		-174.6|	0.0|	0.0|	174.6|		

VERIFICA STABILITA' :								
|L0 = 88. |								
Z	|Lc = 88. |	Ro = 3.24|	lm = 27.2|	Ncr= 214856.6|	alfa(a)=0.2100|	ki=0.9744|		
Y	|Lc = 88. |	Ro = 1.05|	lm = 83.6|	Ncr= 22725.8|	alfa(b)=0.3400|	ki=0.6209|		
Caso 6- 1 - Nodo 3 - Asse Y								
Ned = -1369.3|Mzeq = 0.0|Myeq = 0.0|Ss = -288.0 (0.110)								
P_IP80_S008 (8) stato limite ultimo - ASTA (798- 799)							1533	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1343.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 1|Sx	Si	-175.5|	0.0|	0.0|	175.5|		
| 6- 1|	|si| 6| Tz		-175.5|	0.0|	0.0|	175.5|		
| 6- 1|	|si| 9| Ty		-175.5|	0.0|	0.0|	175.5|		
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1343.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 2|Sx	Si	-175.4|	0.0|	0.0|	175.4|		
| 6- 1|	|si| 6| Tz		-175.4|	0.0|	0.0|	175.4|		
| 6- 1|	|si| 9| Ty		-175.4|	0.0|	0.0|	175.4|		
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1342.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 2|Sx	Si	-175.3|	0.0|	0.0|	175.3|		
| 6- 1|	|si| 6| Tz		-175.3|	0.0|	0.0|	175.3|		
| 6- 1|	|si| 9| Ty		-175.3|	0.0|	0.0|	175.3|		
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1341.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 2|Sx	Si	-175.2|	0.0|	0.0|	175.2|		
| 6- 1|	|si| 6| Tz		-175.2|	0.0|	0.0|	175.2|		
| 6- 1|	|si| 9| Ty		-175.2|	0.0|	0.0|	175.2|		
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-1340.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|	|si| 2|Sx	Si	-175.1|	0.0|	0.0|	175.1|		
| 6- 1|	|si| 6| Tz		-175.1|	0.0|	0.0|	175.1|		
| 6- 1|	|si| 9| Ty		-175.1|	0.0|	0.0|	175.1|		
-----							PROGR.	55.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	0.0	0.0	0.0	-1339.6	0.0	0.0		

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -175.0| 0.0| 0.0| 175.0|
| 6- 1|si| 6| Tz | -175.0| 0.0| 0.0| 175.0|
| 6- 1|si| 9| Ty | -175.0| 0.0| 0.0| 175.0|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1338.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -174.9| 0.0| 0.0| 174.9|
| 6- 1|si| 6| Tz | -174.9| 0.0| 0.0| 174.9|
| 6- 1|si| 9| Ty | -174.9| 0.0| 0.0| 174.9|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1337.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -174.7| 0.0| 0.0| 174.7|
| 6- 1|si| 6| Tz | -174.7| 0.0| 0.0| 174.7|
| 6- 1|si| 9| Ty | -174.7| 0.0| 0.0| 174.7|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1337.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -174.6| 0.0| 0.0| 174.6|
| 6- 1|si| 6| Tz | -174.6| 0.0| 0.0| 174.6|
| 6- 1|si| 9| Ty | -174.6| 0.0| 0.0| 174.6|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -1343.9|Mzeq = 0.0|Myeq = 0.0|Ss = -282.7 ( 0.108)
-----
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 800- 801) 1534
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1546.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1528.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -202.0| 0.0| 0.0| 202.0|
| 5- 1|si| 6| Tz | -199.7| 0.0| 0.0| 199.7|
| 5- 1|si| 9| Ty | -199.7| 0.0| 0.0| 199.7|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1545.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1528.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -201.9| 0.0| 0.0| 201.9|
| 5- 1|si| 6| Tz | -199.6| 0.0| 0.0| 199.6|
| 5- 1|si| 9| Ty | -199.6| 0.0| 0.0| 199.6|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1544.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1527.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -201.8| 0.0| 0.0| 201.8|
| 5- 1|si| 6| Tz | -199.5| 0.0| 0.0| 199.5|
| 5- 1|si| 9| Ty | -199.5| 0.0| 0.0| 199.5|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1543.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1526.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -201.7| 0.0| 0.0| 201.7|
| 5- 1|si| 6| Tz | -199.4| 0.0| 0.0| 199.4|
| 5- 1|si| 9| Ty | -199.4| 0.0| 0.0| 199.4|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1543.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1525.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -201.5| 0.0| 0.0| 201.5|
| 5- 1|si| 6| Tz | -199.2| 0.0| 0.0| 199.2|
| 5- 1|si| 9| Ty | -199.2| 0.0| 0.0| 199.2|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1542.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1524.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

6- 1 si 2 Sx	Si	-201.4	0.0	0.0	201.4			
| 5- 1|si| 6| Tz		-199.1|	0.0|	0.0|	199.1|			
| 5- 1|si| 9| Ty		-199.1|	0.0|	0.0|	199.1|			
-----							66.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1541.4|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1523.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si	-201.3|	0.0|	0.0|	201.3|			
| 5- 1|si| 6| Tz		-199.0|	0.0|	0.0|	199.0|			
| 5- 1|si| 9| Ty		-199.0|	0.0|	0.0|	199.0|			
-----							77.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1540.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1522.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si	-201.2|	0.0|	0.0|	201.2|			
| 5- 1|si| 6| Tz		-198.9|	0.0|	0.0|	198.9|			
| 5- 1|si| 9| Ty		-198.9|	0.0|	0.0|	198.9|			
-----							88.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1539.7|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1522.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si	-201.1|	0.0|	0.0|	201.1|			
| 5- 1|si| 6| Tz		-198.8|	0.0|	0.0|	198.8|			
| 5- 1|si| 9| Ty		-198.8|	0.0|	0.0|	198.8|			

VERIFICA STABILITA' :								
|L0 =	88. |							
Z |Lc =	88. |Ro =	3.24|lm =	27.2|Ncr=	214856.6|alfa(a)=	0.2100|ki=	0.9744|		
Y |Lc =	88. |Ro =	1.05|lm =	83.6|Ncr=	22725.8|alfa(b)=	0.3400|ki=	0.6209|		
Caso 6- 1 - Nodo 2 - Asse Y								
Ned =	-1546.5|Mzeq =	0.0|Myeq =	0.0|Ss =	-325.3 (0.124)				

P_IPE80_S008 (8)	stato limite ultimo - ASTA (802- 803)						1535	
-----							0.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1556.4|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1551.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si	-203.3|	0.0|	0.0|	203.3|			
| 5- 1|si| 5| Tz		-202.6|	0.0|	0.0|	202.6|			
| 6- 1|si| 9| Ty		-203.3|	0.0|	0.0|	203.3|			
-----							11.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1555.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1550.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si	-203.2|	0.0|	0.0|	203.2|			
| 5- 1|si| 5| Tz		-202.5|	0.0|	0.0|	202.5|			
| 6- 1|si| 9| Ty		-203.2|	0.0|	0.0|	203.2|			
-----							22.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1554.7|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1549.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si	-203.1|	0.0|	0.0|	203.1|			
| 5- 1|si| 5| Tz		-202.4|	0.0|	0.0|	202.4|			
| 6- 1|si| 9| Ty		-203.1|	0.0|	0.0|	203.1|			
-----							33.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1553.8|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1548.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 3|Sx	Si	-202.9|	0.0|	0.0|	202.9|			
| 5- 1|si| 5| Tz		-202.3|	0.0|	0.0|	202.3|			
| 6- 1|si| 9| Ty		-202.9|	0.0|	0.0|	202.9|			
-----							44.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1553.0|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1547.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 3|Sx	Si	-202.8|	0.0|	0.0|	202.8|			
| 5- 1|si| 5| Tz		-202.1|	0.0|	0.0|	202.1|			
| 6- 1|si| 9| Ty		-202.8|	0.0|	0.0|	202.8|			
-----							55.	
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1552.1|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1546.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	Sx	Si	-202.7	0.0	202.7
5-1	|si	5	Tz		-202.0	0.0	202.0
6-1	|si	9	Ty		-202.7	0.0	202.7

PROGR. 66.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1551.3	0.0
5-1	|	0.0		0.0	0.0	-1545.9	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	Sx	Si	-202.6	0.0	202.6
5-1	|si	5	Tz		-201.9	0.0	201.9
6-1	|si	9	Ty		-202.6	0.0	202.6

PROGR. 77.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1550.4	0.0
5-1	|	0.0		0.0	0.0	-1545.1	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	Sx	Si	-202.5	0.0	202.5
5-1	|si	5	Tz		-201.8	0.0	201.8
6-1	|si	9	Ty		-202.5	0.0	202.5

PROGR. 88.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1549.6	0.0
5-1	|	0.0		0.0	0.0	-1544.2	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	Sx	Si	-202.4	0.0	202.4
5-1	|si	5	Tz		-201.7	0.0	201.7
6-1	|si	9	Ty		-202.4	0.0	202.4

VERIFICA STABILITA` :							
L0 = 88. |							
Z	Lc	= 88. |	Ro	= 3.24 |	lm	= 27.2 |	Ncr
= 214856.6 |							
alfa(a) = 0.2100 |							
ki = 0.9744 |							
Y	Lc	= 88. |	Ro	= 1.05 |	lm	= 83.6 |	Ncr
= 22725.8 |							
alfa(b) = 0.3400 |							
ki = 0.6209 |							
Caso 6-1 - Nodo 2 - Asse Y							
Ned = -1556.4 |							
Mzeq = 0.0 |							
Myeq = 0.0 |							
Ss = -327.4 (0.125)							
P_IPE80_S008 (8) stato limite ultimo - ASTA (804- 805) 1536							

PROGR. 0.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1401.5	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	1	Sx	Si	-183.0	0.0	183.0
6-1	|si	6	Tz		-183.0	0.0	183.0
6-1	|si	9	Ty		-183.0	0.0	183.0

PROGR. 11.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1400.6	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	2	Sx	Si	-182.9	0.0	182.9
6-1	|si	6	Tz		-182.9	0.0	182.9
6-1	|si	9	Ty		-182.9	0.0	182.9

PROGR. 22.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1399.8	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	2	Sx	Si	-182.8	0.0	182.8
6-1	|si	6	Tz		-182.8	0.0	182.8
6-1	|si	9	Ty		-182.8	0.0	182.8

PROGR. 33.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1398.9	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	2	Sx	Si	-182.7	0.0	182.7
6-1	|si	6	Tz		-182.7	0.0	182.7
6-1	|si	9	Ty		-182.7	0.0	182.7

PROGR. 44.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1398.1	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	2	Sx	Si	-182.6	0.0	182.6
6-1	|si	6	Tz		-182.6	0.0	182.6
6-1	|si	9	Ty		-182.6	0.0	182.6

PROGR. 55.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ
6-1	|	0.0		0.0	0.0	-1397.2	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	2	Sx	Si	-182.5	0.0	182.5
6-1	|si	6	Tz		-182.5	0.0	182.5
6-1	si	9	Ty		-182.5	0.0	182.5

PROGR. 66.							

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1396.4 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -182.4 |      0.0 |      0.0 | 182.4 |
| 6- 1|si| 6|  Tz  | -182.4 |      0.0 |      0.0 | 182.4 |
| 6- 1|si| 9|  Ty  | -182.4 |      0.0 |      0.0 | 182.4 |
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1395.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -182.3 |      0.0 |      0.0 | 182.3 |
| 6- 1|si| 6|  Tz  | -182.3 |      0.0 |      0.0 | 182.3 |
| 6- 1|si| 9|  Ty  | -182.3 |      0.0 |      0.0 | 182.3 |
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1394.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -182.2 |      0.0 |      0.0 | 182.2 |
| 6- 1|si| 6|  Tz  | -182.2 |      0.0 |      0.0 | 182.2 |
| 6- 1|si| 9|  Ty  | -182.2 |      0.0 |      0.0 | 182.2 |
-----
PROGR. 88.

VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -1401.5|Mzeq = 0.0|Myeq = 0.0|Ss = -294.8 ( 0.113)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 806- 807) 1537
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1533.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1510.1 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -200.3 |      0.0 |      0.0 | 200.3 |
| 5- 1|si| 6|  Tz  | -197.2 |      0.0 |      0.0 | 197.2 |
| 5- 1|si| 9|  Ty  | -197.2 |      0.0 |      0.0 | 197.2 |
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1532.8 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1509.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -200.2 |      0.0 |      0.0 | 200.2 |
| 5- 1|si| 6|  Tz  | -197.1 |      0.0 |      0.0 | 197.1 |
| 5- 1|si| 9|  Ty  | -197.1 |      0.0 |      0.0 | 197.1 |
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1531.9 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1508.4 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -200.1 |      0.0 |      0.0 | 200.1 |
| 5- 1|si| 6|  Tz  | -197.0 |      0.0 |      0.0 | 197.0 |
| 5- 1|si| 9|  Ty  | -197.0 |      0.0 |      0.0 | 197.0 |
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1531.1 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1507.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -200.0 |      0.0 |      0.0 | 200.0 |
| 5- 1|si| 6|  Tz  | -196.9 |      0.0 |      0.0 | 196.9 |
| 5- 1|si| 9|  Ty  | -196.9 |      0.0 |      0.0 | 196.9 |
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1530.2 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1506.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -199.9 |      0.0 |      0.0 | 199.9 |
| 5- 1|si| 6|  Tz  | -196.8 |      0.0 |      0.0 | 196.8 |
| 5- 1|si| 9|  Ty  | -196.8 |      0.0 |      0.0 | 196.8 |
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1529.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1505.8 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -199.8 |      0.0 |      0.0 | 199.8 |
| 5- 1|si| 6|  Tz  | -196.7 |      0.0 |      0.0 | 196.7 |
| 5- 1|si| 9|  Ty  | -196.7 |      0.0 |      0.0 | 196.7 |
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |

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Copertura area carburante - Relazione di calcolo

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| 6- 1|      0.0|      0.0|      0.0| -1528.5|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1505.0|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -199.6|      0.0|      0.0| 199.6|
| 5- 1|si| 6|  Tz | -196.6|      0.0|      0.0| 196.6|
| 5- 1|si| 9|  Ty | -196.6|      0.0|      0.0| 196.6|
-----
PROGR.      77.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1527.7|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1504.1|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -199.5|      0.0|      0.0| 199.5|
| 5- 1|si| 6|  Tz | -196.5|      0.0|      0.0| 196.5|
| 5- 1|si| 9|  Ty | -196.5|      0.0|      0.0| 196.5|
-----
PROGR.      88.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1526.8|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1503.3|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -199.4|      0.0|      0.0| 199.4|
| 5- 1|si| 6|  Tz | -196.3|      0.0|      0.0| 196.3|
| 5- 1|si| 9|  Ty | -196.3|      0.0|      0.0| 196.3|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -1533.6|Mzeq = 0.0|Myeq = 0.0|Ss = -322.6 ( 0.123)
P_IPE80_S008 ( 8) ----- stato limite ultimo - ASTA ( 808- 809) 1538
-----
PROGR.      0.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1757.4|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1744.1|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -229.5|      0.0|      0.0| 229.5|
| 5- 1|si| 5|  Tz | -227.8|      0.0|      0.0| 227.8|
| 6- 1|si| 9|  Ty | -229.5|      0.0|      0.0| 229.5|
-----
PROGR.      11.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1756.6|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1743.3|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -229.4|      0.0|      0.0| 229.4|
| 5- 1|si| 5|  Tz | -227.7|      0.0|      0.0| 227.7|
| 6- 1|si| 9|  Ty | -229.4|      0.0|      0.0| 229.4|
-----
PROGR.      22.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1755.7|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1742.4|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -229.3|      0.0|      0.0| 229.3|
| 5- 1|si| 5|  Tz | -227.6|      0.0|      0.0| 227.6|
| 6- 1|si| 9|  Ty | -229.3|      0.0|      0.0| 229.3|
-----
PROGR.      33.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1754.9|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1741.6|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -229.2|      0.0|      0.0| 229.2|
| 5- 1|si| 5|  Tz | -227.5|      0.0|      0.0| 227.5|
| 6- 1|si| 9|  Ty | -229.2|      0.0|      0.0| 229.2|
-----
PROGR.      44.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1754.0|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1740.7|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -229.1|      0.0|      0.0| 229.1|
| 5- 1|si| 5|  Tz | -227.4|      0.0|      0.0| 227.4|
| 6- 1|si| 9|  Ty | -229.1|      0.0|      0.0| 229.1|
-----
PROGR.      55.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1753.2|      0.0|      0.0|
| 5- 1|      0.0|      0.0|      0.0| -1739.9|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -229.0|      0.0|      0.0| 229.0|
| 5- 1|si| 5|  Tz | -227.2|      0.0|      0.0| 227.2|
| 6- 1|si| 9|  Ty | -229.0|      0.0|      0.0| 229.0|
-----
PROGR.      66.
SOLLECITAZIONI      :

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Copertura area carburante - Relazione di calcolo

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1752.3 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1739.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -228.9 |      0.0 |      0.0 | 228.9 |
| 5- 1|si| 5|  Tz | -227.1 |      0.0 |      0.0 | 227.1 |
| 6- 1|si| 9|  Ty | -228.9 |      0.0 |      0.0 | 228.9 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1751.4 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1738.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -228.8 |      0.0 |      0.0 | 228.8 |
| 5- 1|si| 5|  Tz | -227.0 |      0.0 |      0.0 | 227.0 |
| 6- 1|si| 9|  Ty | -228.8 |      0.0 |      0.0 | 228.8 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1750.6 |      0.0 |      0.0 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1737.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| -228.6 |      0.0 |      0.0 | 228.6 |
| 5- 1|si| 5|  Tz | -226.9 |      0.0 |      0.0 | 226.9 |
| 6- 1|si| 9|  Ty | -228.6 |      0.0 |      0.0 | 228.6 |
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -1757.4|Mzeq = 0.0|Myeq = 0.0|Ss = -369.7 ( 0.141)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 810- 811) 1539
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1723.5 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -225.1 |      0.0 |      0.0 | 225.1 |
| 6- 1|si| 6|  Tz | -225.1 |      0.0 |      0.0 | 225.1 |
| 6- 1|si| 9|  Ty | -225.1 |      0.0 |      0.0 | 225.1 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1722.6 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -225.0 |      0.0 |      0.0 | 225.0 |
| 6- 1|si| 6|  Tz | -225.0 |      0.0 |      0.0 | 225.0 |
| 6- 1|si| 9|  Ty | -225.0 |      0.0 |      0.0 | 225.0 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1721.7 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -224.9 |      0.0 |      0.0 | 224.9 |
| 6- 1|si| 6|  Tz | -224.9 |      0.0 |      0.0 | 224.9 |
| 6- 1|si| 9|  Ty | -224.9 |      0.0 |      0.0 | 224.9 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1720.9 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -224.8 |      0.0 |      0.0 | 224.8 |
| 6- 1|si| 6|  Tz | -224.8 |      0.0 |      0.0 | 224.8 |
| 6- 1|si| 9|  Ty | -224.8 |      0.0 |      0.0 | 224.8 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1720.0 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -224.7 |      0.0 |      0.0 | 224.7 |
| 6- 1|si| 6|  Tz | -224.7 |      0.0 |      0.0 | 224.7 |
| 6- 1|si| 9|  Ty | -224.7 |      0.0 |      0.0 | 224.7 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1719.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -224.5 |      0.0 |      0.0 | 224.5 |
| 6- 1|si| 6|  Tz | -224.5 |      0.0 |      0.0 | 224.5 |
| 6- 1|si| 9|  Ty | -224.5 |      0.0 |      0.0 | 224.5 |
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1718.3 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si| -224.4 |      0.0 |      0.0 | 224.4 |

```

Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 6| Tz | -224.4| 0.0| 0.0| 224.4|
| 6- 1|si| 9| Ty | -224.4| 0.0| 0.0| 224.4|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1717.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx Si| -224.3| 0.0| 0.0| 224.3|
| 6- 1|si| 6| Tz | -224.3| 0.0| 0.0| 224.3|
| 6- 1|si| 9| Ty | -224.3| 0.0| 0.0| 224.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1716.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx Si| -224.2| 0.0| 0.0| 224.2|
| 6- 1|si| 6| Tz | -224.2| 0.0| 0.0| 224.2|
| 6- 1|si| 9| Ty | -224.2| 0.0| 0.0| 224.2|
-----
VERIFICA STABILITA` :

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -1723.5|Mzeq = 0.0|Myeq = 0.0|Ss = -362.5 ( 0.138)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 812- 813) 1540
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2013.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1988.7| 0.0| 0.0|
| 12- 8| 0.0| 0.0| 0.0| -485.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -263.0| 0.0| 0.0| 263.0|
| 5- 1|si| 6| Tz | -259.7| 0.0| 0.0| 259.7|
| 12- 8|si| 9| Ty | -63.4| 0.0| 0.0| 63.4|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2013.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1987.8| 0.0| 0.0|
| 12- 8| 0.0| 0.0| 0.0| -484.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx Si| -262.9| 0.0| 0.0| 262.9|
| 5- 1|si| 6| Tz | -259.6| 0.0| 0.0| 259.6|
| 12- 8|si| 9| Ty | -63.3| 0.0| 0.0| 63.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2012.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1987.0| 0.0| 0.0|
| 12- 8| 0.0| 0.0| 0.0| -484.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx Si| -262.8| 0.0| 0.0| 262.8|
| 5- 1|si| 6| Tz | -259.5| 0.0| 0.0| 259.5|
| 12- 8|si| 9| Ty | -63.3| 0.0| 0.0| 63.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2011.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1986.1| 0.0| 0.0|
| 12- 8| 0.0| 0.0| 0.0| -483.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx Si| -262.7| 0.0| 0.0| 262.7|
| 5- 1|si| 6| Tz | -259.4| 0.0| 0.0| 259.4|
| 12- 8|si| 9| Ty | -63.2| 0.0| 0.0| 63.2|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2010.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1985.3| 0.0| 0.0|
| 12- 8| 0.0| 0.0| 0.0| -483.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx Si| -262.6| 0.0| 0.0| 262.6|
| 5- 1|si| 6| Tz | -259.3| 0.0| 0.0| 259.3|
| 12- 8|si| 9| Ty | -63.1| 0.0| 0.0| 63.1|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2009.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1984.4| 0.0| 0.0|
| 12- 8| 0.0| 0.0| 0.0| -482.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx Si| -262.5| 0.0| 0.0| 262.5|
| 5- 1|si| 6| Tz | -259.2| 0.0| 0.0| 259.2|
| 12- 8|si| 9| Ty | -63.0| 0.0| 0.0| 63.0|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

6- 1	0.0	0.0	0.0	-2008.8	0.0	0.0
5- 1	0.0	0.0	0.0	-1983.6	0.0	0.0
| 12- 8|	0.0|	0.0|	0.0|	-481.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-262.4|	0.0|	0.0|	262.4|
| 5- 1|	|si|	6|	Tz	|	-259.1|	0.0|	0.0|	259.1|
| 12- 8|	|si|	9|	Ty	|	-62.9|	0.0|	0.0|	62.9|

PROGR.

77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2007.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1982.7|	0.0|	0.0|
| 12- 8|	0.0|	0.0|	0.0|	-481.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-262.3|	0.0|	0.0|	262.3|
| 5- 1|	|si|	6|	Tz	|	-259.0|	0.0|	0.0|	259.0|
| 12- 8|	|si|	9|	Ty	|	-62.8|	0.0|	0.0|	62.8|

PROGR.

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-2007.0|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1981.9|	0.0|	0.0|
| 12- 8|	0.0|	0.0|	0.0|	-480.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	2|	Sx	Si|	-262.1|	0.0|	0.0|	262.1|
| 5- 1|	|si|	6|	Tz	|	-258.9|	0.0|	0.0|	258.9|
| 12- 8|	|si|	9|	Ty	|	-62.7|	0.0|	0.0|	62.7|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
 Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -2013.9|Mzeq = 0.0|Myeq = 0.0|Ss = -423.6 (0.162)

P_IPE80_S008 (8) stato limite ultimo - ASTA (814- 815) 1541
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-1929.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1916.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	1|	Sx	Si|	-252.1|	0.0|	0.0|	252.1|
| 5- 1|	|si|	5|	Tz	|	-250.3|	0.0|	0.0|	250.3|
| 6- 1|	|si|	9|	Ty	|	-252.1|	0.0|	0.0|	252.1|

PROGR.

11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-1929.1|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1915.6|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	3|	Sx	Si|	-252.0|	0.0|	0.0|	252.0|
| 5- 1|	|si|	5|	Tz	|	-250.2|	0.0|	0.0|	250.2|
| 6- 1|	|si|	9|	Ty	|	-252.0|	0.0|	0.0|	252.0|

PROGR.

22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-1928.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1914.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	3|	Sx	Si|	-251.8|	0.0|	0.0|	251.8|
| 5- 1|	|si|	5|	Tz	|	-250.1|	0.0|	0.0|	250.1|
| 6- 1|	|si|	9|	Ty	|	-251.8|	0.0|	0.0|	251.8|

PROGR.

33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-1927.3|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1913.9|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	3|	Sx	Si|	-251.7|	0.0|	0.0|	251.7|
| 5- 1|	|si|	5|	Tz	|	-250.0|	0.0|	0.0|	250.0|
| 6- 1|	|si|	9|	Ty	|	-251.7|	0.0|	0.0|	251.7|

PROGR.

44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-1926.5|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1913.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	3|	Sx	Si|	-251.6|	0.0|	0.0|	251.6|
| 5- 1|	|si|	5|	Tz	|	-249.9|	0.0|	0.0|	249.9|
| 6- 1|	|si|	9|	Ty	|	-251.6|	0.0|	0.0|	251.6|

PROGR.

55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	-1925.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1912.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
| 6- 1|	|si|	3|	Sx	Si|	-251.5|	0.0|	0.0|	251.5|
5- 1	si	5	Tz		-249.8	0.0	0.0	249.8

Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 9| Ty | -251.5| 0.0| 0.0| 251.5|
----- PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1924.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1911.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -251.4| 0.0| 0.0| 251.4|
| 5- 1|si| 5| Tz | -249.6| 0.0| 0.0| 249.6|
| 6- 1|si| 9| Ty | -251.4| 0.0| 0.0| 251.4|
----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1923.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1910.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -251.3| 0.0| 0.0| 251.3|
| 5- 1|si| 5| Tz | -249.5| 0.0| 0.0| 249.5|
| 6- 1|si| 9| Ty | -251.3| 0.0| 0.0| 251.3|
----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1923.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1909.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -251.2| 0.0| 0.0| 251.2|
| 5- 1|si| 5| Tz | -249.4| 0.0| 0.0| 249.4|
| 6- 1|si| 9| Ty | -251.2| 0.0| 0.0| 251.2|
-----
VERIFICA STABILITA' :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -1929.9|Mzeq = 0.0|Myeq = 0.0|Ss = -405.9 ( 0.155)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 816- 817) 1543
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1694.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1668.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -221.3| 0.0| 0.0| 221.3|
| 5- 1|si| 5| Tz | -217.9| 0.0| 0.0| 217.9|
| 5- 1|si| 9| Ty | -217.9| 0.0| 0.0| 217.9|
----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1693.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1667.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -221.2| 0.0| 0.0| 221.2|
| 5- 1|si| 5| Tz | -217.8| 0.0| 0.0| 217.8|
| 5- 1|si| 9| Ty | -217.8| 0.0| 0.0| 217.8|
----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1693.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1666.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -221.1| 0.0| 0.0| 221.1|
| 5- 1|si| 5| Tz | -217.7| 0.0| 0.0| 217.7|
| 5- 1|si| 9| Ty | -217.7| 0.0| 0.0| 217.7|
----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1692.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1665.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -221.0| 0.0| 0.0| 221.0|
| 5- 1|si| 5| Tz | -217.5| 0.0| 0.0| 217.5|
| 5- 1|si| 9| Ty | -217.5| 0.0| 0.0| 217.5|
----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1691.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1664.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -220.9| 0.0| 0.0| 220.9|
| 5- 1|si| 5| Tz | -217.4| 0.0| 0.0| 217.4|
| 5- 1|si| 9| Ty | -217.4| 0.0| 0.0| 217.4|
----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1690.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1663.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| -220.8| 0.0| 0.0| 220.8|

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Copertura area carburante - Relazione di calcolo

5- 1 si 5 Tz	-217.3	0.0	0.0	217.3
5- 1 si 9 Ty	-217.3	0.0	0.0	217.3

PROGR. 66.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1689.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1663.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx	Si |	-220.7|	0.0|	0.0|	220.7|
| 5- 1|si| 5| Tz	|	-217.2|	0.0|	0.0|	217.2|
| 5- 1|si| 9| Ty	|	-217.2|	0.0|	0.0|	217.2|

PROGR. 77.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1688.7|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1662.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx	Si |	-220.6|	0.0|	0.0|	220.6|
| 5- 1|si| 5| Tz	|	-217.1|	0.0|	0.0|	217.1|
| 5- 1|si| 9| Ty	|	-217.1|	0.0|	0.0|	217.1|

PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1687.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1661.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx	Si |	-220.5|	0.0|	0.0|	220.5|
| 5- 1|si| 5| Tz	|	-217.0|	0.0|	0.0|	217.0|
| 5- 1|si| 9| Ty	|	-217.0|	0.0|	0.0|	217.0|

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6- 1 - Nodo 3 - Asse Y
 Ned = -1694.7 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -356.5 (0.136)

P_IPE80_S008 (8) stato limite ultimo - ASTA (818- 819) 1544
 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1682.6|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1680.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	Si |	-219.8|	0.0|	0.0|	219.8|
| 5- 1|si| 6| Tz	|	-219.5|	0.0|	0.0|	219.5|
| 5- 1|si| 9| Ty	|	-219.5|	0.0|	0.0|	219.5|

PROGR. 11.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1681.7|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1679.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	Si |	-219.7|	0.0|	0.0|	219.7|
| 5- 1|si| 6| Tz	|	-219.4|	0.0|	0.0|	219.4|
| 5- 1|si| 9| Ty	|	-219.4|	0.0|	0.0|	219.4|

PROGR. 22.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1680.9|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1678.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	Si |	-219.5|	0.0|	0.0|	219.5|
| 5- 1|si| 6| Tz	|	-219.3|	0.0|	0.0|	219.3|
| 5- 1|si| 9| Ty	|	-219.3|	0.0|	0.0|	219.3|

PROGR. 33.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1680.0|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1678.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	Si |	-219.4|	0.0|	0.0|	219.4|
| 5- 1|si| 6| Tz	|	-219.2|	0.0|	0.0|	219.2|
| 5- 1|si| 9| Ty	|	-219.2|	0.0|	0.0|	219.2|

PROGR. 44.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-1679.2|	0.0|	0.0|
| 5- 1|	0.0|	0.0|	0.0|	-1677.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	Si |	-219.3|	0.0|	0.0|	219.3|
| 5- 1|si| 6| Tz	|	-219.1|	0.0|	0.0|	219.1|
| 5- 1|si| 9| Ty	|	-219.1|	0.0|	0.0|	219.1|

PROGR. 55.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
6- 1	0.0	0.0	0.0	-1678.3	0.0	0.0
5- 1	0.0	0.0	0.0	-1676.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

6- 1 si 2 Sx	Si	-219.2	0.0	0.0	219.2			
| 5- 1|si| 6| Tz		-218.9|	0.0|	0.0|	218.9|			
| 5- 1|si| 9| Ty		-218.9|	0.0|	0.0|	218.9|			
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1677.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1675.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si|	-219.1|	0.0|	0.0|	219.1|			
| 5- 1|si| 6| Tz		-218.8|	0.0|	0.0|	218.8|			
| 5- 1|si| 9| Ty		-218.8|	0.0|	0.0|	218.8|			
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1676.6|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1674.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si|	-219.0|	0.0|	0.0|	219.0|			
| 5- 1|si| 6| Tz		-218.7|	0.0|	0.0|	218.7|			
| 5- 1|si| 9| Ty		-218.7|	0.0|	0.0|	218.7|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1675.8|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1673.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si|	-218.9|	0.0|	0.0|	218.9|			
| 5- 1|si| 6| Tz		-218.6|	0.0|	0.0|	218.6|			
| 5- 1|si| 9| Ty		-218.6|	0.0|	0.0|	218.6|			

VERIFICA STABILITA' :								
|L0 =	88. |							
Z |Lc =	88. |Ro =	3.24|lm =	27.2|Ncr=	214856.6|alfa(a)=	0.2100|ki=	0.9744|		
Y |Lc =	88. |Ro =	1.05|lm =	83.6|Ncr=	22725.8|alfa(b)=	0.3400|ki=	0.6209|		
Caso 6- 1 - Nodo 2 - Asse Y								
Ned =	-1682.6|Mzeq =	0.0|Myeq =	0.0|Ss =	-353.9 (0.135)				

P_IPE80_S008 (8)	stato limite ultimo - ASTA (820- 821)						1545	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1596.5|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1580.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-208.5|	0.0|	0.0|	208.5|			
| 5- 1|si| 6| Tz		-206.5|	0.0|	0.0|	206.5|			
| 5- 1|si| 9| Ty		-206.5|	0.0|	0.0|	206.5|			
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1595.6|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1580.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si|	-208.4|	0.0|	0.0|	208.4|			
| 5- 1|si| 6| Tz		-206.4|	0.0|	0.0|	206.4|			
| 5- 1|si| 9| Ty		-206.4|	0.0|	0.0|	206.4|			
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1594.8|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1579.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si|	-208.3|	0.0|	0.0|	208.3|			
| 5- 1|si| 6| Tz		-206.3|	0.0|	0.0|	206.3|			
| 5- 1|si| 9| Ty		-206.3|	0.0|	0.0|	206.3|			
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1593.9|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1578.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si|	-208.2|	0.0|	0.0|	208.2|			
| 5- 1|si| 6| Tz		-206.1|	0.0|	0.0|	206.1|			
| 5- 1|si| 9| Ty		-206.1|	0.0|	0.0|	206.1|			
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1593.1|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1577.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si|	-208.1|	0.0|	0.0|	208.1|			
| 5- 1|si| 6| Tz		-206.0|	0.0|	0.0|	206.0|			
| 5- 1|si| 9| Ty		-206.0|	0.0|	0.0|	206.0|			
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-1592.2|	0.0|	0.0|		
| 5- 1|	0.0|	0.0|	0.0|	-1576.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-208.0	0.0	208.0
5-1	|si|	6	Tz		-205.9	0.0	205.9
5-1	|si|	9	Ty		-205.9	0.0	205.9

66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-1591.4	0.0	0.0
5-1	0.0	0.0	0.0	-1575.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-207.9	0.0	207.9
5-1	|si|	6	Tz		-205.8	0.0	205.8
5-1	|si|	9	Ty		-205.8	0.0	205.8

77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-1590.5	0.0	0.0
5-1	0.0	0.0	0.0	-1574.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-207.7	0.0	207.7
5-1	|si|	6	Tz		-205.7	0.0	205.7
5-1	|si|	9	Ty		-205.7	0.0	205.7

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-1589.7	0.0	0.0
5-1	0.0	0.0	0.0	-1574.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-207.6	0.0	207.6
5-1	|si|	6	Tz		-205.6	0.0	205.6
5-1	|si|	9	Ty		-205.6	0.0	205.6

VERIFICA STABILITA` :

|L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -1596.5 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -335.8 (0.128)

P_HEA180_S017 (17) stato limite ultimo - ASTA (2- 787) 1389
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-13023.0	-19.7	562.1
7-1	0.0	0.0	0.0	-9895.1	-151.1	490.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx		-287.1	0.0	287.1
7-1	|si|	6	Tz		-218.1	-17.7	220.3
6-1	|si|	9	Ty		-287.1	0.0	305.7

18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	8725.9	345.6	0.0	-13024.2	-19.7	435.2
7-1	7572.6	2454.2	0.0	-9895.1	-129.3	375.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-320.1	0.0	320.1
7-1	|si|	6	Tz		-248.6	-14.1	249.8
6-1	|si|	9	Ty		-287.0	0.0	298.3

35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15231.7	691.2	0.0	-13025.5	-19.7	308.3
7-1	13141.9	4527.2	0.0	-9895.1	-107.6	261.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-345.6	0.0	345.6
7-1	|si|	6	Tz		-271.6	-10.6	272.2
6-1	|si|	9	Ty		-286.9	0.0	292.6

52.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19517.5	1036.8	0.0	-13026.8	-19.7	181.5
7-1	16707.8	6218.9	0.0	-9895.1	-85.8	146.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-363.6	0.0	363.6
7-1	|si|	6	Tz		-287.0	-7.0	287.2
6-1	|si|	9	Ty		-286.8	0.0	288.8

70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	21583.1	1382.4	0.0	-13028.0	-19.7	54.6
7-1	18270.4	7529.3	0.0	-9895.1	-64.0	32.0
12-8	9901.7	713.6	0.0	-10535.0	-10.2	87.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	2	Sx	Si	-374.0	0.0	374.0
7-1	|si|	6	Tz		-294.9	-3.4	294.9
12-8	|si|	9	Ty		-232.0	0.0	232.6

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	21428.7	1728.0	0.0	-13029.3	-19.7	-72.3

Copertura area carburante - Relazione di calcolo

```

| 7- 1|      17829.5| 8458.4|      0.0| -9895.1| -42.2| -82.4|
| 5- 1|      1997.5| 5871.0|      0.0| -11318.6| -34.4| -88.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -376.8| 0.0| 0.0| 376.8|
| 7- 1|si| 5| Tz | | -262.2| -3.7| 0.0| 262.3|
| 5- 1|si| 9| Ty | | -247.6| 0.0| 9.6| 248.1|
-----
PROGR. 105.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 19054.1| 2073.6| 0.0| -13030.5| -19.7| -199.1|
| 5- 1| 17336.8| 6358.9| 0.0| -11318.6| -21.3| -215.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -372.2| 0.0| 0.0| 372.2|
| 5- 1|si| 5| Tz | | -296.0| -5.9| 0.0| 296.2|
| 5- 1|si| 9| Ty | | -247.4| 0.0| 23.2| 250.7|
-----
PROGR. 122.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 14459.5| 2419.2| 0.0| -13031.8| -19.7| -326.0|
| 5- 1| 12455.9| 6618.0| 0.0| -11318.6| -8.3| -342.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -359.9| 0.0| 0.0| 359.9|
| 6- 1|si| 5| Tz | | -331.7| -8.4| 0.0| 332.0|
| 5- 1|si| 9| Ty | | -247.3| 0.0| 36.9| 255.5|
-----
PROGR. 140.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 7644.7| 2764.8| 0.0| -13033.1| -19.7| -452.8|
| 5- 1| 5354.9| 6648.3| 0.0| -11318.6| 4.8| -469.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -340.2| 0.0| 0.0| 340.2|
| 6- 1|si| 5| Tz | | -307.9| -11.3| 0.0| 308.5|
| 5- 1|si| 9| Ty | | -247.3| 0.0| 50.6| 262.4|
-----

```

VERIFICA STABILITA` :

```

|LO = 140.0|
Z |Lc = 140.0|Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|
Y |Lc = 140.0|Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -13033.1|Mzeq = 20361.7|Myeq = 2073.6|Ss = -402.3 ( 0.154)

```

```

P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 787- 517) 1390
-----
PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 7644.7| 2764.8| 0.0| -13033.1| -19.7| 858.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -340.2| 0.0| 0.0| 340.2|
| 6- 1|si| 6| Tz | | -318.6| -20.7| 0.0| 320.6|
| 6- 1|si| 9| Ty | | -286.4| 0.0| -92.6| 328.2|
| 6- 1|si|12| Si | | -306.7| 0.0| -86.2| 341.1|
-----
PROGR. 18.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 21550.6| 3110.4| 0.0| -13034.3| -19.7| 731.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -390.8| 0.0| 0.0| 390.8|
| 6- 1|si| 6| Tz | | -366.6| -17.7| 0.0| 367.9|
| 6- 1|si| 9| Ty | | -286.3| 0.0| -78.9| 317.2|
-----
PROGR. 35.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 33236.3| 3456.0| 0.0| -13035.6| -19.7| 604.3|
| 7- 1| 27292.8| 7384.8| 0.0| -9895.1| 66.7| 537.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -433.9| 0.0| 0.0| 433.9|
| 7- 1|si| 5| Tz | | -296.5| 15.2| 0.0| 297.7|
| 6- 1|si| 9| Ty | | -286.2| 0.0| -65.2| 307.7|
-----
PROGR. 52.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 42702.0| 3801.6| 0.0| -13036.8| -19.7| 477.5|
| 7- 1| 35690.8| 6026.3| 0.0| -9895.1| 88.5| 422.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -469.5| 0.0| 0.0| 469.5|
| 7- 1|si| 5| Tz | | -327.7| 13.5| 0.0| 328.5|
| 6- 1|si| 9| Ty | | -286.1| 0.0| -51.5| 299.7|
-----
PROGR. 70.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 49947.5| 4147.2| 0.0| -13038.1| -19.7| 350.6|
| 7- 1| 42085.4| 4286.4| 0.0| -9895.1| 110.3| 308.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -497.5| 0.0| 0.0| 497.5|
| 7- 1|si| 5| Tz | | -352.8| 11.8| 0.0| 353.4|
| 6- 1|si| 9| Ty | | -286.0| 0.0| -37.8| 293.4|
-----
PROGR. 88.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

```

Copertura area carburante - Relazione di calcolo

| 6- 1|	54973.0|	4492.8|	0.0|	-13039.4|	-19.7|	223.7|
| 7- 1|	46476.7|	2165.3|	0.0|	-9895.1|	132.1|	193.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-518.0|	0.0|	0.0|	518.0|
| 7- 1|si| 5|	Tz |	-371.8|	10.0|	0.0|	372.2|
| 6- 1|si| 9|	Ty |	-286.0|	0.0|	-24.1|	289.0|

----- PROGR. 105.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	57778.4|	4838.4|	0.0|	-13040.6|	-19.7|	96.9|
| 7- 2|	11012.0|	5977.8|	0.0|	-824.4|	-176.9|	38.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-530.9|	0.0|	0.0|	530.9|
| 7- 2|si| 6|	Tz |	-67.2|	-8.3|	0.0|	68.8|
| 6- 1|si| 9|	Ty |	-285.9|	0.0|	-10.4|	286.4|

----- PROGR. 122.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	58363.7|	5184.0|	0.0|	-13041.9|	-19.7|	-30.0|
| 7- 2|	11478.8|	9264.4|	0.0|	-824.4|	-198.7|	14.5|
| 7- 1|	49249.0|	-3220.8|	0.0|	-9895.1|	175.7|	-35.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-536.3|	0.0|	0.0|	536.3|
| 7- 2|si| 6|	Tz |	-75.2|	-8.7|	0.0|	76.7|
| 7- 1|si| 9|	Ty |	-219.2|	0.0|	3.8|	219.3|

----- PROGR. 140.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	56728.9|	5529.6|	0.0|	-13043.1|	-19.7|	-156.8|
| 7- 1|	47630.1|	-6485.8|	0.0|	-9895.1|	197.5|	-149.7|
| 5- 1|	53836.5|	-1344.5|	0.0|	-11318.6|	109.4|	-161.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-534.1|	0.0|	0.0|	534.1|
| 7- 1|si| 6|	Tz |	-367.3|	11.8|	0.0|	367.9|
| 5- 1|si| 9|	Ty |	-249.9|	0.0|	17.4|	251.7|

----- VERIFICA STABILITA' :

|L0 = 140.0|
 Z |Lc = 140.0|Ro = 7.45|lm = 18.8|Ncr = 2660631.5|alfa(b)=0.3400|ki=0.9941|
 Y |Lc = 140.0|Ro = 4.51|lm = 31.0|Ncr = 977844.4|alfa(c)=0.4900|ki=0.9197|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -13043.1|Mzeq = 57235.5|Myeq = 5391.3|Ss = -561.2 (0.214)

P_HEA180_S017 (17) stato limite ultimo - ASTA (517- 789) 1393
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	56784.2|	5529.6|	0.0|	-32341.3|	24.6|	324.3|
| 7- 1|	47672.9|	-6485.8|	0.0|	-28572.1|	-170.6|	315.1|
| 5- 1|	53886.5|	-1344.5|	0.0|	-31561.6|	-91.0|	339.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-959.7|	0.0|	0.0|	959.7|
| 7- 1|si| 6|	Tz |	-779.2|	-14.5|	0.0|	779.6|
| 5- 1|si| 9|	Ty |	-696.1|	0.0|	-36.6|	699.0|

----- PROGR. 18.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	61348.9|	5098.9|	0.0|	-32342.6|	24.6|	197.4|
| 7- 1|	52185.6|	-3691.5|	0.0|	-28572.1|	-148.8|	200.6|
| 5- 1|	58712.3|	132.9|	0.0|	-31561.6|	-77.9|	212.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-971.0|	0.0|	0.0|	971.0|
| 7- 1|si| 6|	Tz |	-799.9|	-10.9|	0.0|	800.2|
| 5- 1|si| 9|	Ty |	-695.6|	0.0|	-22.9|	696.8|

----- PROGR. 35.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	63693.4|	4668.2|	0.0|	-32343.8|	24.6|	70.5|
| 7- 1|	54694.8|	-1278.5|	0.0|	-28572.1|	-127.0|	86.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-974.8|	0.0|	0.0|	974.8|
| 7- 1|si| 6|	Tz |	-813.2|	-7.3|	0.0|	813.3|
| 7- 1|si| 9|	Ty |	-630.2|	0.0|	-9.3|	630.4|

----- PROGR. 52.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	63817.9|	4237.5|	0.0|	-32345.1|	24.6|	-56.3|
| 7- 2|	12770.4|	4194.5|	0.0|	-6378.5|	133.8|	-13.3|
| 12- 3|	23370.3|	282.3|	0.0|	-10447.8|	15.8|	-81.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx |	Si |	-971.1|	0.0|	0.0|	971.1|
| 7- 2|si| 6|	Tz |	-192.2|	5.9|	0.0|	192.4|
| 12- 3|si| 9|	Ty |	-230.2|	0.0|	8.8|	230.7|

----- PROGR. 70.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	61722.3|	3806.8|	0.0|	-32346.4|	24.6|	-183.2|
| 7- 1|	53703.2|	2403.8|	0.0|	-28572.1|	-83.4|	-142.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
---------------------	----	----	----	----

Copertura area carburante - Relazione di calcolo

-----										PROGR.	88.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	67544.5|	-69.4|	0.0|	-32357.7|	24.6|	98.9|					
| 7- 1|	59887.3|	100.3|	0.0|	-28572.1|	112.7|	81.9|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 1|Sx	Si	-943.4|	0.0|	0.0|	943.4|					
| 7- 1|	si| 5| Tz		-833.1|	6.6|	0.0|	833.2|					
| 6- 1|	si| 9| Ty		-713.3|	0.0|	-10.7|	713.5|					
-----										PROGR.	105.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	68165.4|	-500.1|	0.0|	-32359.0|	24.6|	-28.0|					
| 7- 1|	60318.7|	-2062.0|	0.0|	-28572.1|	134.5|	-32.6|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 1|Sx	Si	-949.8|	0.0|	0.0|	949.8|					
| 7- 1|	si| 6| Tz		-830.8|	6.4|	0.0|	830.8|					
| 7- 1|	si| 9| Ty		-630.5|	0.0|	3.5|	630.5|					
-----										PROGR.	122.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	65515.9|	-3203.3|	0.0|	-31561.6|	105.1|	-156.8|					
| 7- 1|	58746.8|	-4605.6|	0.0|	-28572.1|	156.2|	-147.1|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si	-949.5|	0.0|	0.0|	949.5|					
| 7- 1|	si| 6| Tz		-820.5|	10.0|	0.0|	820.6|					
| 5- 1|	si| 9| Ty		-696.7|	0.0|	16.9|	697.3|					
-----										PROGR.	140.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	61662.1|	-5157.4|	0.0|	-31561.6|	118.2|	-283.7|					
| 7- 1|	55171.5|	-7530.6|	0.0|	-28572.1|	178.0|	-261.5|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si	-955.4|	0.0|	0.0|	955.4|					
| 7- 1|	si| 6| Tz		-802.6|	13.5|	0.0|	803.0|					
| 5- 1|	si| 9| Ty		-697.4|	0.0|	30.6|	699.4|					
-----										VERIFICA STABILITA' :	
|L0 = 140. |											
Z |Lc = 140. |Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|											
Y |Lc = 140. |Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|											
Caso 5- 1 - Nodo 1 - Asse Y											
Ned = -31561.6|Mzeq = 67149.7|Myeq = -3868.0|Ss = -1026.2 (0.392)											
P_HEA180_S017 (17) stato limite ultimo - ASTA (519- 791)										1397	
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	61661.7|	-5157.4|	0.0|	-22905.1|	-114.0|	209.8|					
| 7- 1|	55170.0|	-7530.6|	0.0|	-20972.7|	-174.9|	196.7|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si	-764.6|	0.0|	0.0|	764.6|					
| 7- 1|	si| 6| Tz		-635.1|	-11.9|	0.0|	635.4|					
| 5- 1|	si| 9| Ty		-506.6|	0.0|	-22.6|	508.1|					
-----										PROGR.	18.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	64223.9|	-3276.6|	0.0|	-22905.1|	-100.9|	83.0|					
| 7- 1|	57611.1|	-4659.9|	0.0|	-20972.7|	-153.1|	82.3|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si	-755.0|	0.0|	0.0|	755.0|					
| 7- 1|	si| 6| Tz		-649.0|	-8.3|	0.0|	649.1|					
| 5- 1|	si| 9| Ty		-505.9|	0.0|	-9.0|	506.2|					
-----										PROGR.	35.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	64566.0|	-1624.5|	0.0|	-22905.1|	-87.9|	-43.9|					
| 7- 1|	58048.8|	-2170.6|	0.0|	-20972.7|	-131.4|	-32.2|					
| 11- 9|	18301.0|	1135.3|	0.0|	-4708.8|	69.5|	-59.9|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 1|Sx	Si	-740.1|	0.0|	0.0|	740.1|					
| 7- 1|	si| 5| Tz		-663.8|	-6.3|	0.0|	663.9|					
| 11- 9|	si| 9| Ty		-103.4|	0.0|	6.5|	104.0|					
-----										PROGR.	52.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	63301.5|	-327.3|	0.0|	-22805.3|	-19.7|	-179.7|					
| 7- 1|	56483.2|	-62.5|	0.0|	-20972.7|	-109.6|	-146.7|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 1|Sx	Si	-721.0|	0.0|	0.0|	721.0|					
| 7- 1|	si| 5| Tz		-654.3|	-8.0|	0.0|	654.5|					
| 6- 1|	si| 9| Ty		-502.8|	0.0|	19.4|	503.9|					
-----										PROGR.	70.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	58589.9|	993.2|	0.0|	-22905.1|	-61.7|	-297.6|					
| 7- 1|	52914.2|	1664.2|	0.0|	-20972.7|	-87.8|	-261.2|					
| 6- 1|	59046.1|	17.4|	0.0|	-22806.6|	-19.7|	-306.6|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 2|Sx	Si	-713.6|	0.0|	0.0|	713.6|			
| 7- 1|si| 5| Tz		-638.9|	-9.7|	0.0|	639.1|			
| 6- 1|si| 9| Ty		-502.7|	0.0|	33.1|	506.0|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	52271.7|	1959.0|	0.0|	-22905.1|	-48.6|	-424.5|		
| 6- 1|	52570.6|	362.0|	0.0|	-22807.8|	-19.7|	-433.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-701.6|	0.0|	0.0|	701.6|			
| 5- 1|si| 5| Tz		-678.7|	-11.9|	0.0|	679.0|			
| 6- 1|si| 9| Ty		-502.6|	0.0|	46.8|	509.1|			
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	43733.5|	2695.9|	0.0|	-22905.1|	-35.6|	-551.3|		
| 6- 1|	43875.0|	706.7|	0.0|	-22809.1|	-19.7|	-560.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-679.7|	0.0|	0.0|	679.7|			
| 5- 1|si| 5| Tz		-648.2|	-14.2|	0.0|	648.7|			
| 6- 1|si| 9| Ty		-502.5|	0.0|	60.4|	513.3|			
-----							PROGR.	122.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	32975.1|	3204.1|	0.0|	-22905.1|	-22.5|	-678.2|		
| 6- 1|	32959.4|	1051.4|	0.0|	-22810.3|	-19.7|	-687.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-648.1|	0.0|	0.0|	648.1|			
| 6- 1|si| 5| Tz		-612.7|	-16.7|	0.0|	613.4|			
| 6- 1|si| 9| Ty		-502.5|	0.0|	74.1|	518.6|			
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	19996.7|	3483.5|	0.0|	-22905.1|	-9.4|	-805.1|		
| 6- 1|	19823.6|	1396.1|	0.0|	-22811.6|	-19.7|	-814.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-606.7|	0.0|	0.0|	606.7|			
| 6- 1|si| 5| Tz		-567.5|	-19.6|	0.0|	568.5|			
| 6- 1|si| 9| Ty		-502.4|	0.0|	87.8|	524.9|			
-----							PROGR.	140.
VERIFICA STABILITA` :								
|L0 = 140. |								
Z |Lc = 140. |Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|								
Y |Lc = 140. |Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|								
Caso 5- 1 - Nodo 1 - Asse Y								
Ned = -22905.1|Mzeq = 64566.0|Myeq = -3868.0|Ss = -808.8 (0.309)								
P_HEA180_S017 (17) stato limite ultimo - ASTA (791- 521) 1398								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	19996.7|	3483.5|	0.0|	-22905.1|	-9.4|	551.5|		
| 6- 1|	19823.6|	1396.1|	0.0|	-22811.6|	-19.7|	547.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-606.7|	0.0|	0.0|	606.7|			
| 6- 1|si| 6| Tz		-572.9|	-13.5|	0.0|	573.4|			
| 5- 1|si| 9| Ty		-503.8|	0.0|	-59.5|	514.2|			
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	28538.1|	3534.2|	0.0|	-22905.1|	3.6|	424.6|		
| 6- 1|	28298.0|	1740.8|	0.0|	-22812.9|	-19.7|	420.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-636.3|	0.0|	0.0|	636.3|			
| 6- 1|si| 6| Tz		-602.4|	-10.6|	0.0|	602.7|			
| 5- 1|si| 9| Ty		-503.7|	0.0|	-45.8|	509.9|			
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	34859.3|	3356.1|	0.0|	-22905.1|	16.7|	297.8|		
| 11-11|	7922.7|	-1500.4|	0.0|	-4768.4|	-134.2|	97.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-656.0|	0.0|	0.0|	656.0|			
| 11-11|si| 6| Tz		-129.1|	-7.9|	0.0|	129.8|			
| 5- 1|si| 9| Ty		-503.8|	0.0|	-32.1|	506.9|			
-----							PROGR.	52.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	38960.5|	2949.2|	0.0|	-22905.1|	29.8|	170.9|		
| 11-11|	9394.9|	848.8|	0.0|	-4768.4|	-134.2|	70.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-666.0|	0.0|	0.0|	666.0|			
| 11-11|si| 6| Tz		-138.7|	-7.3|	0.0|	139.3|			
| 5- 1|si| 9| Ty		-503.9|	0.0|	-18.4|	504.9|			
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	40400.9|	2774.9|	0.0|	-22816.6|	-19.7|	40.2|		
| 11-11|	10397.0|	3197.9|	0.0|	-4768.4|	-134.2|	43.8|		
| 12-11|	11775.2|	1232.7|	0.0|	-4978.4|	-43.0|	56.1|		

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	2|	Sx	Si	-667.2|	0.0|	0.0|	
| 11-11|	|si|	6|	Tz		-146.7|	-6.7|	0.0|	
| 12-11|	|si|	9|	Ty		-109.3|	0.0|	-6.1|	
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	39994.9|	3119.6|	0.0|	-22817.9|	-19.7|	-86.6|		
| 7- 1|	36611.0|	47.6|	0.0|	-20972.7|	108.3|	-80.4|		
| 8- 1|	35764.8|	2831.7|	0.0|	-20827.4|	-17.7|	-86.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	2|	Sx	Si	-669.2|	0.0|	669.2|	
| 7- 1|	|si|	6|	Tz		-586.8|	6.4|	0.0|	
| 8- 1|	|si|	9|	Ty		-458.2|	0.0|	9.4|	
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	37368.9|	3464.3|	0.0|	-22819.2|	-19.7|	-213.5|		
| 7- 1|	34202.1|	-2038.5|	0.0|	-20972.7|	130.1|	-194.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	2|	Sx	Si	-663.7|	0.0|	0.0|	
| 7- 1|	|si|	6|	Tz		-574.5|	10.0|	0.0|	
| 6- 1|	|si|	9|	Ty		-501.9|	0.0|	23.0|	
-----							PROGR.	122.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	32522.8|	3809.0|	0.0|	-22820.4|	-19.7|	-340.4|		
| 7- 1|	29790.0|	-4505.8|	0.0|	-20972.7|	151.9|	-309.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	2|	Sx	Si	-650.6|	0.0|	650.6|	
| 7- 1|	|si|	6|	Tz		-554.7|	13.5|	0.0|	
| 6- 1|	|si|	9|	Ty		-501.8|	0.0|	36.7|	
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	25456.6|	4153.7|	0.0|	-22821.7|	-19.7|	-467.2|		
| 7- 1|	23374.4|	-7354.4|	0.0|	-20972.7|	173.7|	-423.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	2|	Sx	Si	-630.0|	0.0|	630.0|	
| 7- 1|	|si|	6|	Tz		-527.4|	17.1|	0.0|	
| 6- 1|	|si|	9|	Ty		-501.7|	0.0|	50.4|	
-----							PROGR.	140.
VERIFICA STABILITA` :								
|L0 = 140. |								
Z |Lc = 140. |Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|								
Y |Lc = 140. |Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|								
Caso 6- 1 - Nodo 2 - Asse Y								
Ned = -22821.7|Mzeq = 40400.9|Myeq = 3607.4|Ss = -721.4 (0.275)								
P_HEA180_S017 (17) stato limite ultimo - ASTA (521- 793) 1401								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	25485.5|	4153.7|	0.0|	17072.9|	14.8|	79.3|		
| 7- 1|	23405.9|	-7354.4|	0.0|	13938.6|	-200.6|	84.3|		
| 5- 1|	26198.3|	-2516.7|	0.0|	15957.4|	-113.6|	85.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	4|	Sx	Si	503.4|	0.0|	0.0|	
| 7- 1|	|si|	6|	Tz		242.0|	-10.4|	0.0|	
| 5- 1|	|si|	9|	Ty		350.9|	0.0|	-9.2|	
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	25763.6|	3894.1|	0.0|	17071.7|	14.8|	-47.5|		
| 7- 2|	6650.1|	8399.3|	0.0|	3391.9|	195.4|	-23.0|		
| 11- 9|	6481.9|	9532.9|	0.0|	6827.4|	173.8|	-56.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	4|	Sx	Si	501.7|	0.0|	0.0|	
| 7- 2|	|si|	6|	Tz		35.8|	8.7|	0.0|	
| 11- 9|	|si|	9|	Ty		153.6|	0.0|	6.1|	
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	23821.5|	3634.5|	0.0|	17070.4|	14.8|	-174.4|		
| 7- 1|	22347.9|	-1097.2|	0.0|	13938.6|	-157.0|	-144.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	4|	Sx	Si	492.6|	0.0|	0.0|	
| 7- 1|	|si|	5|	Tz		229.2|	-9.9|	0.0|	
| 6- 1|	|si|	9|	Ty		377.5|	0.0|	18.8|	
-----							PROGR.	52.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	19659.4|	3374.9|	0.0|	17069.1|	14.8|	-301.3|		
| 7- 1|	18813.9|	1459.5|	0.0|	13938.6|	-135.2|	-259.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	4|	Sx	Si	475.9|	0.0|	0.0|	
| 7- 1|	|si|	5|	Tz		246.1|	-11.7|	0.0|	
| 6- 1|	|si|	9|	Ty		377.3|	0.0|	32.5|	
-----							PROGR.	70.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	13277.2	3115.3	0.0	17067.9	14.8	-428.1	
7- 1	13276.5	3634.9	0.0	13938.6	-113.4	-373.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	Si	451.7	0.0	451.7
7- 1	si	5	Tz		269.2	-13.4	0.0
6- 1	si	9	Ty		377.2	0.0	46.2
							88.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	4674.9	2855.7	0.0	17066.6	14.8	-555.0	
7- 1	5735.8	5429.1	0.0	13938.6	-91.6	-488.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	Si	419.9	0.0	419.9
7- 1	si	5	Tz		298.3	-15.1	0.0
6- 1	si	9	Ty		377.1	0.0	59.9
							105.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-6147.5	2596.1	0.0	17065.4	14.8	-681.9	
5- 1	-4780.4	5290.1	0.0	15957.4	-35.1	-675.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	422.3	0.0	422.3
5- 1	si	5	Tz		378.3	-17.1	0.0
6- 1	si	9	Ty		377.0	0.0	73.5
							122.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-17713.8	5790.6	0.0	15957.4	-22.1	-802.5	
6- 1	-19190.0	2336.5	0.0	17064.1	14.8	-808.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	Si	468.3	0.0	468.3
5- 1	si	5	Tz		423.2	-19.5	0.0
6- 1	si	9	Ty		376.9	0.0	87.2
							140.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-32867.3	6062.2	0.0	15957.4	-9.0	-929.3	
6- 1	-34452.6	2076.9	0.0	17062.8	14.8	-935.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	Si	522.4	0.0	522.4
6- 1	si	6	Tz		489.1	22.2	0.0
6- 1	si	9	Ty		376.8	0.0	100.9
----- PROGR.							
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
P_HEA180_S017 (17) stato limite ultimo - ASTA (793- 310) 1402							
							0.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-32867.3	6062.2	0.0	15957.4	-9.0	742.2	
6- 1	-34452.6	2076.9	0.0	17062.8	14.8	753.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	Si	522.4	0.0	522.4
6- 1	si	5	Tz		497.2	18.0	0.0
6- 1	si	9	Ty		376.8	0.0	-81.3
							18.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-20988.6	6105.1	0.0	15957.4	4.1	615.4	
6- 1	-22375.7	1817.2	0.0	17061.6	14.8	626.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	Si	482.5	0.0	482.5
6- 1	si	5	Tz		455.7	15.1	0.0
6- 1	si	9	Ty		376.7	0.0	-67.6
							35.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-11330.0	5919.3	0.0	15957.4	17.2	488.5	
6- 1	-12518.9	1557.6	0.0	17060.3	14.8	499.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	Si	447.9	0.0	447.9
6- 1	si	5	Tz		421.6	12.2	0.0
6- 1	si	9	Ty		376.6	0.0	-53.9
							52.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-3891.4	5504.7	0.0	15957.4	30.2	361.6	
6- 1	-4882.2	1298.0	0.0	17059.1	14.8	373.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	Si	418.5	0.0	418.5
5- 1	si	5	Tz		375.7	9.6	0.0
6- 1	si	9	Ty		376.4	0.0	-40.2
							70.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	1327.1	4861.3	0.0	15957.4	43.3	234.8	
7- 1	1573.6	7312.1	0.0	13938.6	60.9	206.5	
6- 1	534.4	1038.4	0.0	17057.8	14.8	246.1	

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	4|	Sx	| 403.6|	| 0.0|	| 0.0|	| 403.6|
| 7- 1|	|si|	5|	Tz	| 316.1|	| 7.3|	| 0.0|	| 316.4|
| 6- 1|	|si|	9|	Ty	| 376.3|	| 0.0|	| -26.5|	| 379.1|
----- PROGR. 88.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	4325.4|	3989.1|	0.0|	15957.4|	56.4|	107.9|	
| 7- 1|	4185.2|	6056.0|	0.0|	13938.6|	82.7|	92.0|	
| 6- 1|	3731.0|	778.8|	0.0|	17056.5|	14.8|	119.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	4|	Sx	| 405.3|	| 0.0|	| 0.0|	| 405.3|
| 7- 1|	|si|	5|	Tz	| 304.8|	| 5.6|	| 0.0|	| 305.0|
| 6- 1|	|si|	9|	Ty	| 376.2|	| 0.0|	| -12.9|	| 376.9|
----- PROGR. 105.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	5103.7|	2888.2|	0.0|	15957.4|	69.4|	-19.0|	
| 7- 1|	4793.5|	4418.6|	0.0|	13938.6|	104.5|	-22.5|	
| 12- 3|	-604.0|	-831.0|	0.0|	8059.9|	-23.7|	44.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	4|	Sx	| 397.2|	| 0.0|	| 0.0|	| 397.2|
| 7- 1|	|si|	6|	Tz	| 282.4|	| 4.9|	| 0.0|	| 282.5|
| 12- 3|	|si|	9|	Ty	| 177.4|	| 0.0|	| -4.8|	| 177.6|
----- PROGR. 122.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	3463.8|	259.6|	0.0|	17054.0|	14.8|	-134.5|	
| 7- 1|	3398.5|	2400.0|	0.0|	13938.6|	126.2|	-137.0|	
| 5- 1|	3661.9|	1558.5|	0.0|	15957.4|	82.5|	-145.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si|	4|	Sx	| 390.2|	| 0.0|	| 0.0|	| 390.2|
| 7- 1|	|si|	6|	Tz	| 291.0|	| 8.5|	| 0.0|	| 291.4|
| 5- 1|	|si|	9|	Ty	| 352.2|	| 0.0|	| 15.7|	| 353.3|
----- PROGR. 140.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	0.0|	0.0|	0.0|	17052.8|	14.8|	-261.4|	
| 7- 1|	0.0|	0.0|	0.0|	13938.6|	148.0|	-251.4|	
| 5- 1|	0.0|	0.0|	0.0|	15957.4|	95.6|	-272.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 6- 1|	|si|	3|	Sx	| 375.9|	| 0.0|	| 0.0|	| 375.9|
| 7- 1|	|si|	6|	Tz	| 307.2|	| 12.0|	| 0.0|	| 307.9|
| 5- 1|	|si|	9|	Ty	| 351.7|	| 0.0|	| 29.4|	| 355.4|
| 6- 1|	|si|	9|	Si	| 375.9|	| 0.0|	| 28.2|	| 379.0|
----- PROGR. 140.							
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							

P_HEA180_S017 (17) stato limite ultimo - ASTA (310- 795) 1405							
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	0.0|	0.0|	0.0|	16576.3|	-97.5|	268.0|	
| 7- 1|	0.0|	0.0|	0.0|	14673.3|	-150.2|	245.9|	
| 6- 1|	0.0|	0.0|	0.0|	16245.1|	-16.4|	270.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	1|	Sx	| 365.4|	| 0.0|	| 0.0|	| 365.4|
| 7- 1|	|si|	6|	Tz	| 323.4|	| -12.0|	| 0.0|	| 324.1|
| 6- 1|	|si|	9|	Ty	| 358.1|	| 0.0|	| -29.2|	| 361.6|
| 5- 1|	|si|	9|	Si	| 365.4|	| 0.0|	| -28.9|	| 368.8|
----- PROGR. 18.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	3580.0|	1592.6|	0.0|	16576.3|	-84.5|	141.1|	
| 7- 1|	3301.9|	2437.5|	0.0|	14673.3|	-128.4|	131.4|	
| 6- 1|	3620.2|	286.6|	0.0|	16243.9|	-16.4|	143.4|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	4|	Sx	| 393.0|	| 0.0|	| 0.0|	| 393.0|
| 7- 1|	|si|	6|	Tz	| 307.5|	| -8.4|	| 0.0|	| 307.8|
| 6- 1|	|si|	9|	Ty	| 358.1|	| 0.0|	| -15.5|	| 359.1|
----- PROGR. 35.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	4939.9|	2956.5|	0.0|	16576.3|	-71.4|	14.3|	
| 7- 1|	4600.4|	4493.8|	0.0|	14673.3|	-106.6|	17.0|	
| 12-11|	-491.1|	-641.4|	0.0|	7765.8|	18.3|	-40.9|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	4|	Sx	| 410.9|	| 0.0|	| 0.0|	| 410.9|
| 7- 1|	|si|	6|	Tz	| 299.1|	| -4.9|	| 0.0|	| 299.2|
| 12-11|	|si|	9|	Ty	| 171.0|	| 0.0|	| 4.4|	| 171.1|
----- PROGR. 52.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	4079.8|	4091.6|	0.0|	16576.3|	-58.3|	-112.6|	
| 7- 1|	3895.5|	6168.8|	0.0|	14673.3|	-84.8|	-97.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	4|	Sx	| 419.1|	| 0.0|	| 0.0|	| 419.1|
| 7- 1|	|si|	5|	Tz	| 322.2|	| -5.8|	| 0.0|	| 322.4|
| 5- 1|	|si|	9|	Ty	| 366.7|	| 0.0|	| 12.1|	| 367.3|
----- PROGR. 70.							

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	999.5|	4997.9|	0.0|	16576.3|	-45.3|	-239.4|		
| 7- 1|	1187.3|	7462.5|	0.0|	14673.3|	-63.0|	-212.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si|	417.4|	0.0|	0.0|	417.4|		
| 7- 1|	si| 5|	Tz	333.9|	-7.5|	0.0|	334.2|		
| 5- 1|	si| 9|	Ty	367.0|	0.0|	25.8|	369.7|		
							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-4300.9|	5675.5|	0.0|	16576.3|	-32.2|	-366.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 1|Sx	Si|	435.2|	0.0|	0.0|	435.2|		
| 5- 1|	si| 5|	Tz	391.0|	-9.8|	0.0|	391.4|		
| 5- 1|	si| 9|	Ty	367.2|	0.0|	39.5|	373.5|		
							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-11821.3|	6124.3|	0.0|	16576.3|	-19.1|	-493.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 1|Sx	Si|	465.2|	0.0|	0.0|	465.2|		
| 5- 1|	si| 5|	Tz	417.5|	-12.2|	0.0|	418.0|		
| 5- 1|	si| 9|	Ty	367.4|	0.0|	53.2|	378.7|		
							PROGR.	122.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-21561.9|	6344.3|	0.0|	16576.3|	-6.0|	-620.0|		
| 6- 1|	-21280.3|	2006.0|	0.0|	16236.3|	-16.4|	-617.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 1|Sx	Si|	500.4|	0.0|	0.0|	500.4|		
| 6- 1|	si| 5|	Tz	434.1|	-15.0|	0.0|	434.9|		
| 5- 1|	si| 9|	Ty	367.4|	0.0|	66.9|	385.3|		
							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-33522.5|	6335.5|	0.0|	16576.3|	-7.0|	-746.9|		
| 6- 1|	-33200.7|	2292.6|	0.0|	16235.1|	-16.4|	-744.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 1|Sx	Si|	541.0|	0.0|	0.0|	541.0|		
| 6- 1|	si| 5|	Tz	475.1|	-17.9|	0.0|	476.2|		
| 5- 1|	si| 9|	Ty	367.4|	0.0|	80.6|	393.0|		
							PROGR.	1406
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEA180_S017 (17) stato limite ultimo - ASTA (795- 571) 1406								
							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-33522.5|	6335.5|	0.0|	16576.3|	-7.0|	913.1|		
| 6- 1|	-33200.7|	2292.6|	0.0|	16235.1|	-16.4|	925.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 1|Sx	Si|	541.0|	0.0|	0.0|	541.0|		
| 6- 1|	si| 6|	Tz	466.2|	-22.1|	0.0|	467.8|		
| 6- 1|	si| 9|	Ty	358.6|	0.0|	-99.8|	398.1|		
							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-18652.5|	6098.0|	0.0|	16576.3|	20.1|	786.3|		
| 6- 1|	-18121.2|	2579.2|	0.0|	16233.8|	-16.4|	798.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 1|Sx	Si|	488.1|	0.0|	0.0|	488.1|		
| 6- 1|	si| 6|	Tz	414.4|	-19.1|	0.0|	415.7|		
| 6- 1|	si| 9|	Ty	358.7|	0.0|	-86.1|	388.4|		
							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-6002.6|	5631.7|	0.0|	16576.3|	33.2|	659.4|		
| 6- 1|	-5261.7|	2865.7|	0.0|	16232.5|	-16.4|	671.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 1|Sx	Si|	440.6|	0.0|	0.0|	440.6|		
| 5- 1|	si| 5|	Tz	396.7|	16.6|	0.0|	397.8|		
| 6- 1|	si| 9|	Ty	358.7|	0.0|	-72.4|	380.0|		
							PROGR.	52.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	4427.3|	4936.7|	0.0|	16576.3|	46.3|	532.6|		
| 7- 1|	3933.4|	5842.5|	0.0|	14673.3|	89.5|	468.5|		
| 6- 1|	5377.7|	3152.3|	0.0|	16231.3|	-16.4|	544.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si|	428.5|	0.0|	0.0|	428.5|		
| 7- 1|	si| 5|	Tz	321.4|	14.6|	0.0|	322.4|		
| 6- 1|	si| 9|	Ty	358.8|	0.0|	-58.7|	372.9|		
							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	12637.0|	4012.8|	0.0|	16576.3|	59.3|	405.7|		
| 7- 1|	11130.8|	4085.9|	0.0|	14673.3|	111.3|	354.0|		
| 6- 1|	13797.0|	3438.9|	0.0|	16230.0|	-16.4|	417.7|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	0.0	0.0	447.4
7-1	si	5	Tz		293.6	12.9	0.0
6-1	si	9	Ty		358.9	0.0	-45.1

88.

Caso	MZ	MY	MT	N	TZ	TY
6-1	19996.1	3725.5	0.0	16228.8	-16.4	290.8
7-1	16325.0	1948.1	0.0	14673.3	133.1	239.6

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	461.9	0.0	0.0
7-1	si	5	Tz		271.8	11.1	0.0
6-1	si	9	Ty		358.9	0.0	-31.4

105.

Caso	MZ	MY	MT	N	TZ	TY
6-1	23975.2	4012.0	0.0	16227.5	-16.4	163.9
7-1	19515.7	-571.0	0.0	14673.3	154.8	125.1

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	478.2	0.0	0.0
7-1	si	5	Tz		256.0	9.4	0.0
6-1	si	9	Ty		359.0	0.0	-17.7

122.

Caso	MZ	MY	MT	N	TZ	TY
6-1	25734.2	4298.6	0.0	16226.2	-16.4	37.1
7-2	6142.9	8415.2	0.0	4500.2	-195.5	32.1
11-9	10886.7	3842.9	0.0	4730.9	-108.4	71.3

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	487.0	0.0	0.0
7-2	si	6	Tz		61.9	-9.0	0.0
11-9	si	9	Ty		105.5	0.0	-7.7

140.

Caso	MZ	MY	MT	N	TZ	TY
6-1	25273.1	4585.2	0.0	16225.0	-16.4	-89.8
7-1	19887.1	-6753.1	0.0	14673.3	198.4	-103.9

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	Si	488.1	0.0	0.0
7-1	si	6	Tz		269.0	10.7	0.0
7-1	si	9	Ty		321.2	0.0	11.2

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA180_S017 (17) stato limite ultimo - ASTA (571- 797) 1409
----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	25238.9	4585.2	0.0	-16743.4	22.7	414.2
7-1	19849.3	-6753.1	0.0	-15699.4	-170.3	404.0
5-1	23235.4	-1970.1	0.0	-16871.3	-91.8	431.6

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-499.5	0.0	0.0
7-1	si	6	Tz		-400.4	-16.5	0.0
5-1	si	9	Ty		-372.5	0.0	-46.6

18.

Caso	MZ	MY	MT	N	TZ	TY
6-1	31377.2	4188.4	0.0	-16744.7	22.7	287.3
7-1	25917.1	-3963.7	0.0	-15699.4	-148.5	289.5
5-1	29678.1	-477.4	0.0	-16871.3	-78.8	304.7

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-516.5	0.0	0.0
7-1	si	6	Tz		-426.4	-12.9	0.0
5-1	si	9	Ty		-372.0	0.0	-32.9

35.

Caso	MZ	MY	MT	N	TZ	TY
6-1	35295.3	3791.6	0.0	-16745.9	22.7	160.5
7-1	29981.6	-1555.5	0.0	-15699.4	-126.7	175.0
5-1	33900.7	786.6	0.0	-16871.3	-65.7	177.9

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-526.0	0.0	0.0
7-1	si	6	Tz		-444.9	-9.4	0.0
5-1	si	9	Ty		-371.6	0.0	-19.2

52.

Caso	MZ	MY	MT	N	TZ	TY
6-1	36993.4	3394.8	0.0	-16747.2	22.7	33.6
7-1	32042.7	471.4	0.0	-15699.4	-104.9	60.5

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-527.9	0.0	0.0
7-1	si	6	Tz		-455.9	-5.8	0.0
7-1	si	9	Ty		-345.9	0.0	-6.5

70.

Caso	MZ	MY	MT	N	TZ	TY
6-1	36471.4	2998.0	0.0	-16748.4	22.7	-93.3
7-2	8082.8	1369.0	0.0	-3603.1	108.7	-26.3

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-527.9	0.0	0.0
7-1	si	6	Tz		-455.9	-5.8	0.0
7-1	si	9	Ty		-345.9	0.0	-6.5

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 2|Sx	Si	-522.3|	0.0|	0.0|	522.3|			
| 7- 2|si| 6| Tz		-109.6|	5.2|	0.0|	109.9|			
| 6- 1|si| 9| Ty		-368.2|	0.0|	10.1|	368.6|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	33248.1|	3205.9|	0.0|	-16871.3|	-26.5|	-202.7|		
| 7- 1|	30154.9|	3381.4|	0.0|	-15699.4|	-61.4|	-168.4|		
| 6- 1|	33729.3|	2601.2|	0.0|	-16749.7|	22.7|	-220.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-516.1|	0.0|	0.0|	516.1|			
| 7- 1|si| 5| Tz		-441.9|	-6.5|	0.0|	442.1|			
| 6- 1|si| 9| Ty		-368.4|	0.0|	23.7|	370.6|			
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	28590.4|	3554.8|	0.0|	-16871.3|	-13.4|	-329.6|		
| 6- 1|	28767.1|	2204.4|	0.0|	-16751.0|	22.7|	-347.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-503.6|	0.0|	0.0|	503.6|			
| 6- 1|si| 6| Tz		-471.3|	9.0|	0.0|	471.5|			
| 6- 1|si| 9| Ty		-368.5|	0.0|	37.4|	374.2|			
-----							PROGR.	122.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	21712.5|	3675.0|	0.0|	-16871.3|	-0.3|	-456.5|		
| 6- 1|	21584.8|	1807.6|	0.0|	-16752.2|	22.7|	-473.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-481.4|	0.0|	0.0|	481.4|			
| 6- 1|si| 6| Tz		-446.1|	11.9|	0.0|	446.6|			
| 6- 1|si| 9| Ty		-368.7|	0.0|	51.1|	379.2|			
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	12614.6|	3566.3|	0.0|	-16871.3|	12.7|	-583.3|		
| 6- 1|	12182.4|	1410.8|	0.0|	-16753.5|	22.7|	-600.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-449.5|	0.0|	0.0|	449.5|			
| 6- 1|si| 6| Tz		-413.4|	14.8|	0.0|	414.2|			
| 6- 1|si| 9| Ty		-368.8|	0.0|	64.8|	385.5|			
-----							PROGR.	140.
VERIFICA STABILITA` :								
|L0 = 140. |								
Z |Lc = 140. |Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|								
Y |Lc = 140. |Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|								
Caso 6- 1 - Nodo 2 - Asse Y								
Ned = -16753.5|Mzeq = 36993.4|Myeq = 3897.4|Ss = -566.6 (0.216)								
P_HEA180_S017 (17) stato limite ultimo - ASTA (797- 573)							1410	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	12614.6|	3566.3|	0.0|	-16871.3|	12.7|	753.2|		
| 6- 1|	12182.4|	1410.8|	0.0|	-16753.5|	22.7|	761.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-449.5|	0.0|	0.0|	449.5|			
| 6- 1|si| 5| Tz		-407.9|	18.6|	0.0|	409.2|			
| 6- 1|si| 9| Ty		-368.8|	0.0|	-82.2|	395.3|			
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	24686.1|	3228.9|	0.0|	-16871.3|	25.8|	626.4|		
| 6- 1|	24403.2|	1014.1|	0.0|	-16754.7|	22.7|	634.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-487.2|	0.0|	0.0|	487.2|			
| 6- 1|si| 5| Tz		-450.3|	15.6|	0.0|	451.1|			
| 6- 1|si| 9| Ty		-369.0|	0.0|	-68.5|	387.6|			
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	34537.5|	2662.8|	0.0|	-16871.3|	38.9|	499.5|		
| 6- 1|	34403.8|	617.3|	0.0|	-16756.0|	22.7|	508.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-515.2|	0.0|	0.0|	515.2|			
| 5- 1|si| 5| Tz		-484.1|	13.2|	0.0|	484.6|			
| 6- 1|si| 9| Ty		-369.1|	0.0|	-54.8|	381.1|			
-----							PROGR.	52.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	42168.8|	1867.8|	0.0|	-16871.3|	52.0|	372.6|		
| 6- 1|	42184.4|	220.5|	0.0|	-16757.3|	22.7|	381.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-533.4|	0.0|	0.0|	533.4|			
| 5- 1|si| 5| Tz		-511.5|	10.8|	0.0|	511.9|			
| 6- 1|si| 9| Ty		-369.3|	0.0|	-41.1|	376.1|			
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	47580.0|	844.1|	0.0|	-16871.3|	65.0|	245.8|		
7- 1	43062.9	1555.9	0.0	-15699.4	91.2	210.5		

Copertura area carburante - Relazione di calcolo

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| 6- 1|      47744.9| -176.3|      0.0| -16758.5|      22.7|      254.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si| -541.8|      0.0|      0.0|      541.8|
| 7- 1|si| 5|  Tz | -489.4|      8.7|      0.0|      489.6|
| 6- 1|si| 9|  Ty | -369.5|      0.0|     -27.4|      372.5|
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      51085.2| -573.1|      0.0| -16759.8|      22.7|      127.4|
| 7- 1|      45745.8| -230.0|      0.0| -15699.4|      112.9|      96.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si| -548.6|      0.0|      0.0|      548.6|
| 7- 1|si| 5|  Tz | -502.0|      7.0|      0.0|      502.1|
| 6- 1|si| 9|  Ty | -369.6|      0.0|     -13.7|      370.4|
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      51742.2| -1889.6|      0.0| -16871.3|      91.2|      -7.9|
| 7- 1|      46425.3| -2397.2|      0.0| -15699.4|      134.7|     -18.4|
| 11-11|      14727.0| 1588.9|      0.0| -2283.6|      10.2|      59.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -566.1|      0.0|      0.0|      566.1|
| 7- 1|si| 6|  Tz | -499.1|      6.1|      0.0|      499.3|
| 11-11|si| 9|  Ty | -49.8|      0.0|      -6.4|      51.0|
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      50493.1| -3599.6|      0.0| -16871.3|      104.3|     -134.8|
| 7- 1|      45101.4| -4945.7|      0.0| -15699.4|      156.5|     -132.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -578.5|      0.0|      0.0|      578.5|
| 7- 1|si| 6|  Tz | -489.7|      9.7|      0.0|      490.0|
| 5- 1|si| 9|  Ty | -373.1|      0.0|      14.5|      373.9|
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      47023.9| -5538.4|      0.0| -16871.3|      117.3|     -261.7|
| 7- 1|      41774.2| -7875.5|      0.0| -15699.4|      178.3|     -247.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -585.6|      0.0|      0.0|      585.6|
| 7- 1|si| 6|  Tz | -472.7|     13.2|      0.0|      473.2|
| 5- 1|si| 9|  Ty | -373.7|      0.0|      28.2|      376.9|
-----
VERIFICA STABILITA` :
|L0 = 140.1
Z |Lc = 140.1|Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|
Y |Lc = 140.1|Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -16871.3|Mzeq = 51742.2|Myeq = -4153.8|Ss = -622.4 ( 0.238)
P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 573- 799) 1413
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      47023.3| -5538.4|      0.0| -19836.0|     -115.2|      289.2|
| 7- 1|      41772.3| -7875.5|      0.0| -18374.6|     -176.0|      271.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -650.9|      0.0|      0.0|      650.9|
| 7- 1|si| 6|  Tz | -531.6|     -13.7|      0.0|      532.2|
| 5- 1|si| 9|  Ty | -439.0|      0.0|     -31.2|      442.3|
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      50975.2| -3637.0|      0.0| -19836.0|     -102.1|      162.4|
| 7- 1|      45527.2| -4985.6|      0.0| -18374.6|     -154.2|      157.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -645.9|      0.0|      0.0|      645.9|
| 7- 1|si| 6|  Tz | -550.0|    -10.1|      0.0|      550.3|
| 5- 1|si| 9|  Ty | -438.4|      0.0|     -17.5|      439.5|
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      52706.9| -1964.5|      0.0| -19836.0|      -89.0|      35.5|
| 7- 1|      47278.7| -2476.9|      0.0| -18374.6|     -132.5|      42.8|
| 11- 9|      14823.2| -1583.4|      0.0| -3076.4|      80.6|     -47.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -635.5|      0.0|      0.0|      635.5|
| 7- 1|si| 6|  Tz | -560.9|      -6.6|      0.0|      561.0|
| 11- 9|si| 9|  Ty | -68.3|      0.0|      5.1|      68.9|
-----
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      52218.5| -520.6|      0.0| -19836.0|     -76.0|     -91.3|
| 7- 1|      47026.9| -349.6|      0.0| -18374.6|    -110.7|     -71.6|
| 6- 1|      52397.7| -666.5|      0.0| -19306.8|     -20.9|    -102.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -619.7|      0.0|      0.0|      619.7|
| 7- 1|si| 5|  Tz | -565.5|      -6.3|      0.0|      565.6|
| 6- 1|si| 9|  Ty | -425.8|      0.0|     11.1|      426.2|

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Copertura area carburante - Relazione di calcolo

----- PROGR. 70.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	49510.0	694.4	0.0	-19836.0	-62.9	-218.2
7- 1	44771.7	1396.5	0.0	-18374.6	-88.9	-186.1
6- 1	49494.5	-300.9	0.0	-19308.0	-20.9	-229.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-612.2	0.0	0.0	612.2
7- 1	si	5	Tz	-554.4	-8.0	0.0	554.6	
6- 1	si	9	Ty	-425.7	0.0	24.7	427.8	

----- PROGR. 88.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	44581.4	1680.7	0.0	-19836.0	-49.8	-345.1
6- 1	44371.3	64.8	0.0	-19309.3	-20.9	-356.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-605.1	0.0	0.0	605.1
5- 1	si	5	Tz	-585.5	-10.1	0.0	585.7	
6- 1	si	9	Ty	-425.6	0.0	38.4	430.8	

----- PROGR. 105.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	37432.8	2438.2	0.0	-19836.0	-36.8	-471.9
6- 1	37028.0	430.4	0.0	-19310.5	-20.9	-483.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-588.2	0.0	0.0	588.2
5- 1	si	5	Tz	-559.7	-12.5	0.0	560.1	
6- 1	si	9	Ty	-425.5	0.0	52.1	435.0	

----- PROGR. 122.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	28064.0	2967.0	0.0	-19836.0	-23.7	-598.8
6- 1	27464.5	796.1	0.0	-19311.8	-20.9	-609.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-561.5	0.0	0.0	561.5
6- 1	si	5	Tz	-517.5	-15.0	0.0	518.1	
6- 1	si	9	Ty	-425.4	0.0	65.8	440.4	

----- PROGR. 140.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	16475.2	3267.0	0.0	-19836.0	-10.6	-725.7
6- 1	15681.0	1161.8	0.0	-19313.1	-20.9	-736.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-525.0	0.0	0.0	525.0
6- 1	si	5	Tz	-476.7	-17.9	0.0	477.7	
6- 1	si	9	Ty	-425.3	0.0	79.5	447.0	

----- PROGR. 140.

VERIFICA STABILITA` :
 |L0 = 140. |
 Z |Lc = 140. |Ro = 7.45 |lm = 18.8 |Ncr= 2660631.5 |alfa(b)=0.3400 |ki=0.9941 |
 Y |Lc = 140. |Ro = 4.51 |lm = 31.0 |Ncr= 977844.4 |alfa(c)=0.4900 |ki=0.9197 |
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -19836.0 |Mzeq = 52706.9 |Myeq = -4153.8 |Ss = -697.1 (0.266)

----- PROGR. 0.

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----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	16475.2	3267.0	0.0	-19836.0	-10.6	598.9
6- 1	15681.0	1161.8	0.0	-19313.1	-20.9	600.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-525.0	0.0	0.0	525.0
6- 1	si	6	Tz	-481.3	-14.7	0.0	481.9	
6- 1	si	9	Ty	-425.3	0.0	-64.7	439.9	

----- PROGR. 18.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	25845.5	3338.2	0.0	-19836.0	2.5	472.0
6- 1	25075.6	1527.4	0.0	-19314.3	-20.9	473.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-557.5	0.0	0.0	557.5
6- 1	si	6	Tz	-513.9	-11.8	0.0	514.3	
6- 1	si	9	Ty	-425.2	0.0	-51.1	434.3	

----- PROGR. 35.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	32995.7	3180.6	0.0	-19836.0	15.5	345.2
11-11	7187.5	-3273.3	0.0	-3720.2	-193.5	120.1
6- 1	32250.1	1893.1	0.0	-19315.6	-20.9	346.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-580.3	0.0	0.0	580.3
11-11	si	6	Tz	-100.1	-10.9	0.0	101.8	
6- 1	si	9	Ty	-425.1	0.0	-37.4	430.0	

----- PROGR. 52.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	37925.8	2794.3	0.0	-19836.0	28.6	218.3
11-11	9053.8	113.7	0.0	-3720.2	-193.5	93.2
6- 1	37204.5	2258.7	0.0	-19316.8	-20.9	219.7

----- PROGR. 52.

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	Sx	Si	-593.3	0.0	593.3
11-11	|si	6	Tz		-113.0	-10.3	114.4
6- 1	|si	9	Ty		-425.1	0.0	427.0

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	40635.8	2179.2	0.0	-19836.0	41.7	91.4
11-11	10450.1	3500.7	0.0	-3720.2	-193.5	66.4
6- 1	39938.9	2624.4	0.0	-19318.1	-20.9	92.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	2	Sx	Si	-596.5	0.0	596.5
11-11	|si	6	Tz		-124.3	-9.7	125.5
6- 1	|si	9	Ty		-425.0	0.0	425.3

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	40453.1	2990.0	0.0	-19319.4	-20.9	-34.0
11-11	11376.2	6887.7	0.0	-3720.2	-193.5	39.5
12-11	13771.8	2437.1	0.0	-5067.9	-60.9	43.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-592.4	0.0	592.4
11-11	|si	6	Tz		-134.1	-9.1	135.0
12-11	|si	9	Ty		-110.9	0.0	111.2

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	38747.2	3355.7	0.0	-19320.6	-20.9	-160.9
11- 6	7602.8	-8969.0	0.0	-5222.5	185.7	-59.8
5- 1	39395.6	262.7	0.0	-19836.0	67.8	-162.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-590.2	0.0	590.2
11- 6	|si	6	Tz		-123.5	9.2	124.5
5- 1	|si	9	Ty		-437.1	0.0	438.2

----- PROGR. 122.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	34821.2	3721.4	0.0	-19321.9	-20.9	-287.8
7- 1	31720.2	-4561.3	0.0	-18374.6	150.8	-270.0
5- 1	35445.3	-1038.7	0.0	-19836.0	80.9	-289.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	2	Sx	Si	-580.4	0.0	580.4
7- 1	|si	6	Tz		-503.9	12.6	504.4
5- 1	|si	9	Ty		-437.6	0.0	440.9

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	25992.9	-7390.6	0.0	-18374.6	172.6	-384.5
5- 1	29275.0	-2568.8	0.0	-19836.0	94.0	-416.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	1	Sx	Si	-565.3	0.0	565.3
7- 1	|si	6	Tz		-479.0	16.1	479.8
5- 1	|si	9	Ty		-438.1	0.0	444.9

VERIFICA STABILITA` :

|L0 = 140.0|
 Z |Lc = 140.0|Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|
 Y |Lc = 140.0|Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|
 Caso 5- 1 - Nodo 2 - Asse Y
 Ned = -19836.0|Mzeq = 41125.8|Myeq = 2503.6|Ss = -641.1 (0.245)

P_HEA180_S017 (17) stato limite ultimo - ASTA (575- 801) 1417
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	28709.1	4087.0	0.0	8800.7	14.6	142.5
7- 1	26029.9	-7390.6	0.0	6533.9	-200.7	142.9
5- 1	29313.8	-2568.8	0.0	7724.7	-113.8	149.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	4	Sx	Si	331.3	0.0	331.3
7- 1	|si	6	Tz		70.0	-11.7	72.9
5- 1	|si	9	Ty		169.4	0.0	171.7

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	30093.3	3831.6	0.0	8799.5	14.6	15.7
11-11	10784.8	13056.0	0.0	2590.0	228.2	-44.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	4	Sx	Si	333.5	0.0	333.5
11-11	|si	6	Tz		-5.0	10.6	19.0
11-11	|si	9	Ty		61.3	0.0	61.9

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	29257.4	3576.1	0.0	8798.2	14.6	-111.2
11-11	9776.1	9063.3	0.0	2590.0	228.2	-71.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	4	Sx	Si	328.2	0.0	328.2
11-11	|si	6	Tz		6.2	11.2	20.4
6- 1	|si	9	Ty		195.1	0.0	196.2

Copertura area carburante - Relazione di calcolo

-----							PROGR.	52.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
6-1	26201.4	3320.7	0.0	8797.0	14.6	-238.1		
11-11	8297.4	5070.7	0.0	2590.0	228.2	-97.9		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	315.3	0.0	0.0	315.3	
11-11	si	6	Tz	19.0	11.9	0.0	28.0	
6-1	si	9	Ty	195.0	0.0	25.7	200.0	
-----							PROGR.	70.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
6-1	20925.4	3065.3	0.0	8795.7	14.6	-364.9		
11-11	6348.6	1078.1	0.0	2590.0	228.2	-124.8		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	294.8	0.0	0.0	294.8	
11-11	si	6	Tz	33.4	12.5	0.0	39.8	
6-1	si	9	Ty	194.9	0.0	39.4	206.5	
-----							PROGR.	88.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
6-1	13429.2	2809.8	0.0	8794.4	14.6	-491.8		
7-1	13488.8	5404.2	0.0	6533.9	-91.8	-429.5		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	266.8	0.0	0.0	266.8	
7-1	si	5	Tz	108.7	-13.8	0.0	111.3	
6-1	si	9	Ty	194.8	0.0	53.0	215.3	
-----							PROGR.	105.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	5015.9	5257.5	0.0	7724.7	-35.3	-612.0		
6-1	3713.0	2554.4	0.0	8793.2	14.6	-618.6		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	4	Sx	238.5	0.0	0.0	238.5	
5-1	si	5	Tz	163.5	-15.6	0.0	165.7	
6-1	si	9	Ty	194.7	0.0	66.7	226.4	
-----							PROGR.	122.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	-6804.1	5761.2	0.0	7724.7	-22.2	-738.9		
6-1	-8223.4	2298.9	0.0	8791.9	14.6	-745.5		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	249.5	0.0	0.0	249.5	
5-1	si	5	Tz	204.6	-18.0	0.0	207.0	
6-1	si	9	Ty	194.5	0.0	80.4	239.3	
6-1	si	11	Si	214.5	0.0	74.9	250.7	
-----							PROGR.	140.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	-20844.1	6036.2	0.0	7724.7	-9.2	-865.7		
6-1	-22379.8	2043.5	0.0	8790.7	14.6	-872.4		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	299.9	0.0	0.0	299.9	
6-1	si	6	Tz	265.8	20.8	0.0	268.3	
6-1	si	9	Ty	194.4	0.0	94.1	253.7	
-----							PROGR.	140.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	-20844.1	6036.2	0.0	7724.7	-9.2	-865.7		
6-1	-22379.8	2043.5	0.0	8790.7	14.6	-872.4		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	299.9	0.0	0.0	299.9	
6-1	si	6	Tz	265.8	20.8	0.0	268.3	
6-1	si	9	Ty	194.4	0.0	94.1	253.7	
-----							PROGR.	140.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	-10468.3	6082.3	0.0	7724.7	3.9	529.5		
6-1	-11812.0	1788.1	0.0	8789.4	14.6	540.4		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	265.0	0.0	0.0	265.0	
6-1	si	5	Tz	237.4	13.1	0.0	238.4	
6-1	si	9	Ty	194.3	0.0	-58.3	219.0	
-----							PROGR.	35.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	-2312.5	5899.7	0.0	7724.7	17.0	402.6		
6-1	-3464.3	1532.6	0.0	8788.1	14.6	413.6		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	235.6	0.0	0.0	235.6	

VERIFICA STABILITA' :

|L0 = 140. |
 Z |Lc = 140. |Ro = 7.45 |lm = 18.8 |Ncr = 2660631.5 |alfa(b) = 0.3400 |ki = 0.9941 |
 Y |Lc = 140. |Ro = 4.51 |lm = 31.0 |Ncr = 977844.4 |alfa(c) = 0.4900 |ki = 0.9197 |
 Caso12-10 - Nodo 2 - Asse Y
 Ned = -1225.2 |Mzeq = 11158.4 |Myeq = 3720.3 |Ss = -103.6 (0.040)

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 PROGR. 0.

-----							PROGR.	0.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	-20844.1	6036.2	0.0	7724.7	-9.2	656.3		
6-1	-22379.8	2043.5	0.0	8790.7	14.6	667.3		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	299.9	0.0	0.0	299.9	
6-1	si	5	Tz	273.8	16.0	0.0	275.2	
6-1	si	9	Ty	194.4	0.0	-72.0	231.0	
-----							PROGR.	18.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	-10468.3	6082.3	0.0	7724.7	3.9	529.5		
6-1	-11812.0	1788.1	0.0	8789.4	14.6	540.4		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	265.0	0.0	0.0	265.0	
6-1	si	5	Tz	237.4	13.1	0.0	238.4	
6-1	si	9	Ty	194.3	0.0	-58.3	219.0	
-----							PROGR.	35.
SOLLECITAZIONI :								
Case	MZ	MY	MT	N	TZ	TY		
5-1	-2312.5	5899.7	0.0	7724.7	17.0	402.6		
6-1	-3464.3	1532.6	0.0	8788.1	14.6	413.6		
TENSIONI (Sz= 0.00) :								
Case	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	1	Sx	235.6	0.0	0.0	235.6	

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6- 1 si 5	Tz		208.5	10.2	0.0	209.2		
6- 1 si 9	Ty		194.2	0.0	-44.6	209.0		
-----							PROGR.	52.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	3727.6|		8175.7|		0.0|		6533.9|	
| 5- 1|	3623.1|		5488.4|		0.0|		7724.7|	
| 6- 1|	2663.3|		1277.2|		0.0|		8786.9|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 7- 1|si| 4|	Sx	Si	|	236.3|		0.0|		0.0|
| 5- 1|si| 5|	Tz	|	168.6|		7.6|		0.0|	236.3|
| 6- 1|si| 9|	Ty	|	194.1|		0.0|		-30.9|	169.2|
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	7338.7|		4848.2|		0.0|		7724.7|	
| 11-10|	-462.7|		-7440.4|		0.0|		4335.4|	
| 6- 1|	6570.8|		1021.8|		0.0|		8785.6|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|	Sx	Si	|	242.4|		0.0|		0.0|
| 11-10|si| 6|	Tz	|	111.6|		-5.9|		0.0|	242.4|
| 6- 1|si| 9|	Ty	|	194.0|		0.0|		-17.2|	112.1|
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	8834.2|		3979.3|		0.0|		7724.7|	
| 11-10|	358.1|		-5580.3|		0.0|		4335.4|	
| 12- 7|	-99.0|		-1563.7|		0.0|		5367.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|	Sx	Si	|	239.0|		0.0|		0.0|
| 11-10|si| 6|	Tz	|	105.2|		-5.2|		0.0|	239.0|
| 12- 7|si| 9|	Ty	|	117.8|		0.0|		-4.5|	105.6|
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	8109.5|		2881.7|		0.0|		7724.7|	
| 7- 1|	7501.1|		4414.1|		0.0|		6533.9|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|	Sx	Si	|	225.9|		0.0|		0.0|
| 7- 1|si| 6|	Tz	|	109.9|		6.7|		0.0|	225.9|
| 5- 1|si| 9|	Ty	|	171.2|		0.0|		11.3|	110.6|
-----							PROGR.	122.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	4972.8|		255.4|		0.0|		8781.8|	
| 7- 1|	4752.3|		2397.7|		0.0|		6533.9|	
| 5- 1|	5164.8|		1555.2|		0.0|		7724.7|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 4|	Sx	Si	|	213.0|		0.0|		0.0|
| 7- 1|si| 6|	Tz	|	123.2|		10.3|		0.0|	213.0|
| 5- 1|si| 9|	Ty	|	170.8|		0.0|		25.0|	124.5|
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	0.0|		0.0|		0.0|		8780.6|	
| 7- 1|	0.0|		0.0|		0.0|		6533.9|	
| 5- 1|	0.0|		0.0|		0.0|		7724.7|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 3|	Sx	|	193.5|		0.0|		0.0|	193.5|
| 7- 1|si| 6|	Tz	|	144.0|		13.8|		0.0|	146.0|
| 5- 1|si| 9|	Ty	|	170.3|		0.0|		38.7|	183.0|
| 6- 1|si| 9|	Si	|	193.5|		0.0|		37.5|	204.1|

VERIFICA STABILITA` :								
|L0 = 140. |								
Z	|Lc = 140. |	Ro = 7.45|	lm = 18.8|	Ncr= 2660631.5|	alfa(b)=0.3400|	ki=0.9941|		
Y	Lc = 140.	Ro = 4.51	lm = 31.0	Ncr= 977844.4	alfa(c)=0.4900	ki=0.9197		
Casol2-10 - Nodo 2 - Asse Y								
Ned = -936.4 Mzeq = 2773.1 Myeq = 3720.3 Ss = -68.1 (0.026)								
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-----							PROGR.	0.
SOLLECITAZIONI :								
Caso	MZ		MY		MT		N	
5- 1	0.0		0.0		0.0		7798.7	
7- 1	0.0		0.0		0.0		6793.4	
6- 1	0.0		0.0		0.0		7314.6	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 1|	Sx	|	171.9|		0.0|		0.0|	171.9|
| 7- 1|si| 6|	Tz	|	149.7|		-14.4|		0.0|	151.8|
| 6- 1|si| 9|	Ty	|	161.2|		0.0|		-40.6|	175.9|
| 5- 1|si| 9|	Si	|	171.9|		0.0|		-40.2|	185.5|
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	5559.7|		1662.8|		0.0|		7798.7|	
| 7- 1|	5081.4|		2599.5|		0.0|		6793.4|	
6- 1	5629.3		227.4		0.0		7313.3	
TENSIONI (Sz= 0.00) :								
Caso	Ve No massimi	Sx		Tz		Ty		Si
5- 1 si 4	Sx	Si		207.0		0.0		0.0

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7- 1 si 6 Tz		127.4	-10.7	0.0	128.7	
6- 1 si 9 Ty		161.3	0.0	-26.4	167.6	
----- PROGR. 36.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	8737.9|	3080.1|	0.0|	7798.7|	-71.4|	109.7|
| 7- 1|	8013.7|	4789.9|	0.0|	6793.4|	-109.6|	102.5|
| 6- 1|	8877.1|	454.9|	0.0|	7311.9|	-12.5|	113.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 4|Sx	Si	231.6|	0.0|	0.0|	231.6|	
| 7- 1|si| 6| Tz		113.2|	-7.0|	0.0|	113.8|	
| 6- 1|si| 9| Ty		161.3|	0.0|	-12.2|	162.7|	
----- PROGR. 54.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	9534.6|	4252.1|	0.0|	7798.7|	-57.9|	-21.7|
| 11-11|	537.8|	-5302.0|	0.0|	4069.0|	97.5|	-31.8|
| 12-11|	-369.1|	-1500.7|	0.0|	5884.6|	27.6|	-48.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 4|Sx	Si	245.7|	0.0|	0.0|	245.7|	
| 11-11|si| 6| Tz		98.2|	4.8|	0.0|	98.5|	
| 12-11|si| 9| Ty		129.2|	0.0|	5.2|	129.5|	
----- PROGR. 72.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	7431.3|	7943.8|	0.0|	6793.4|	-64.4|	-134.6|
| 5- 1|	7949.8|	5178.7|	0.0|	7798.7|	-44.4|	-153.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 4|Sx	Si	252.3|	0.0|	0.0|	252.3|	
| 7- 1|si| 5| Tz		140.0|	-5.8|	0.0|	140.3|	
| 5- 1|si| 9| Ty		173.6|	0.0|	16.5|	175.9|	
----- PROGR. 91.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	3916.6|	8907.3|	0.0|	6793.4|	-41.9|	-253.2|
| 5- 1|	3983.5|	5859.9|	0.0|	7798.7|	-30.8|	-284.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 4|Sx	Si	249.7|	0.0|	0.0|	249.7|	
| 5- 1|si| 5| Tz		169.8|	-7.9|	0.0|	170.3|	
| 5- 1|si| 9| Ty		173.8|	0.0|	30.7|	181.8|	
----- PROGR. 109.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	-1747.2|	9461.7|	0.0|	6793.4|	-19.3|	-371.8|
| 5- 1|	-2364.4|	6295.6|	0.0|	7798.7|	-17.3|	-415.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	Si	247.8|	0.0|	0.0|	247.8|	
| 5- 1|si| 5| Tz		192.2|	-10.3|	0.0|	193.0|	
| 5- 1|si| 9| Ty		173.9|	0.0|	44.9|	190.5|	
----- PROGR. 127.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	-9560.0|	9607.2|	0.0|	6793.4|	3.3|	-490.3|
| 6- 1|	-10606.4|	1592.0|	0.0|	7305.4|	-12.5|	-543.5|
| 5- 1|	-11093.7|	6486.0|	0.0|	7798.7|	-3.7|	-547.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	Si	275.7|	0.0|	0.0|	275.7|	
| 6- 1|si| 5| Tz		200.2|	-13.1|	0.0|	201.4|	
| 5- 1|si| 9| Ty		174.0|	0.0|	59.0|	201.8|	
----- PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-22204.5|	6430.9|	0.0|	7798.7|	9.8|	-678.7|
| 6- 1|	-21647.7|	1819.4|	0.0|	7304.1|	-12.5|	-674.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 1|Sx	Si	309.9|	0.0|	0.0|	309.9|	
| 6- 1|si| 5| Tz		238.1|	-16.1|	0.0|	239.7|	
| 5- 1|si| 9| Ty		174.0|	0.0|	73.2|	215.3|	
----- PROGR. 18.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-7707.8|	6130.5|	0.0|	7798.7|	23.3|	734.1|

VERIFICA STABILITA` :

|L0 = 145.1
 Z |Lc = 145.1|Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|
 Y |Lc = 145.1|Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|
 Caso12- 6 - Nodo 2 - Asse Y
 Ned = -1475.8|Mzeq = 3578.3|Myeq = 3520.8|Ss = -82.1 (0.031)

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 ----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1	-22204.5	6430.9	0.0	7798.7	9.8	865.5
| 6- 1|	-21647.7|	1819.4|	0.0|	7304.1|	-12.5|	874.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 5- 1|si| 1|Sx	Si	309.9|	0.0|	0.0|	309.9|	
| 6- 1|si| 6| Tz		231.0|	-20.7|	0.0|	233.8|	
| 6- 1|si| 9| Ty		161.6|	0.0|	-94.3|	229.8|	
----- PROGR. 18.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
5- 1	-7707.8	6130.5	0.0	7798.7	23.3	734.1

Copertura area carburante - Relazione di calcolo

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| 6- 1|      -6984.8| 2046.8|      0.0| 7302.8|      -12.5| 743.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si| 257.8| 0.0| 0.0| 257.8|
| 5- 1|si| 5| Tz | | 210.0| 17.9| 0.0| 212.3|
| 6- 1|si| 9| Ty | | 161.6| 0.0| -80.2| 213.1|
-----
PROGR. 36.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 4407.3| 5584.7| 0.0| 7798.7| 36.9| 602.7|
| 6- 1| 5296.6| 2274.3| 0.0| 7301.5| -12.5| 611.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 241.2| 0.0| 0.0| 241.2|
| 5- 1|si| 5| Tz | | 167.8| 15.5| 0.0| 169.9|
| 6- 1|si| 9| Ty | | 161.7| 0.0| -66.0| 198.0|
-----
PROGR. 54.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 14141.0| 4793.4| 0.0| 7798.7| 50.4| 471.3|
| 7- 1| 12700.0| 6099.0| 0.0| 6793.4| 93.5| 414.7|
| 6- 1| 15196.5| 2501.7| 0.0| 7300.2| -12.5| 480.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 266.6| 0.0| 0.0| 266.6|
| 7- 1|si| 5| Tz | | 118.5| 13.5| 0.0| 120.7|
| 6- 1|si| 9| Ty | | 161.7| 0.0| -51.8| 185.0|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 21493.2| 3756.8| 0.0| 7798.7| 64.0| 339.9|
| 7- 1| 19142.5| 4199.4| 0.0| 6793.4| 116.1| 296.2|
| 6- 1| 22714.9| 2729.1| 0.0| 7298.9| -12.5| 349.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 281.5| 0.0| 0.0| 281.5|
| 7- 1|si| 5| Tz | | 92.9| 11.7| 0.0| 95.1|
| 6- 1|si| 9| Ty | | 161.8| 0.0| -37.7| 174.4|
-----
PROGR. 91.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 26463.8| 2474.8| 0.0| 7798.7| 77.5| 208.5|
| 11-11| 7111.4| 2538.6| 0.0| 4142.1| -184.0| 104.4|
| 6- 1| 27851.8| 2956.6| 0.0| 7297.6| -12.5| 217.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 285.9| 0.0| 0.0| 285.9|
| 11-11|si| 6| Tz | | 62.2| -10.1| 0.0| 64.6|
| 6- 1|si| 9| Ty | | 161.8| 0.0| -23.5| 166.8|
-----
PROGR. 109.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 30607.2| 3184.0| 0.0| 7296.3| -12.5| 86.3|
| 11-11| 8751.1| 5874.1| 0.0| 4142.1| -184.0| 76.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si| 295.8| 0.0| 0.0| 295.8|
| 11-11|si| 6| Tz | | 50.1| -9.5| 0.0| 52.8|
| 6- 1|si| 9| Ty | | 161.9| 0.0| -9.3| 162.7|
-----
PROGR. 127.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 30981.1| 3411.4| 0.0| 7295.0| -12.5| -45.1|
| 7- 1| 25576.0| -3953.3| 0.0| 6793.4| 183.8| -59.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si| 299.3| 0.0| 0.0| 299.3|
| 7- 1|si| 6| Tz | | 70.5| 9.1| 0.0| 72.3|
| 7- 1|si| 9| Ty | | 148.5| 0.0| 6.4| 148.9|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 23422.4| -7488.9| 0.0| 6793.4| 206.3| -178.1|
| 5- 1| 27086.8| -2843.8| 0.0| 7798.7| 118.1| -185.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 3|Sx | Si| 302.2| 0.0| 0.0| 302.2|
| 7- 1|si| 6| Tz | | 84.7| 12.8| 0.0| 87.6|
| 5- 1|si| 9| Ty | | 171.0| 0.0| 20.0| 174.5|
-----
PROGR. 163.
VERIFICA STABILITA' :
|L0 = 145.1
Z |Lc = 145.1|Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|
Y |Lc = 145.1|Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|
Caso12- 6 - Nodo 2 - Asse Y
Ned = -1719.4|Mzeq = 9430.5|Myeq = 3520.8|Ss = -107.9 ( 0.041)
P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 625- 805) 1425
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 23351.3| -7488.9| 0.0| -9362.6| -176.6| 334.9|
| 5- 1| 27011.8| -2843.8| 0.0| -10042.2| -104.2| 358.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx | Si| -358.6| 0.0| 0.0| 358.6|
| 7- 1|si| 6| Tz | | -271.1| -15.2| 0.0| 272.4|
| 5- 1|si| 9| Ty | | -222.3| 0.0| -38.6| 232.1|

```

Copertura area carburante - Relazione di calcolo

----- PROGR. 18.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	33906.2	3568.5	0.0	-9806.1	3.9	210.2
7- 1	28346.4	-4492.3	0.0	-9362.6	-154.0	216.3
5- 1	32314.5	-1077.5	0.0	-10042.2	-90.7	226.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-366.1	0.0	0.0	366.1
7- 1	si	6	Tz	-294.0	-11.5	0.0	294.6	
5- 1	si	9	Ty	-221.7	0.0	-24.5	225.7	

----- PROGR. 36.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	36524.9	3498.1	0.0	-9807.4	3.9	78.8
7- 1	31192.6	-1904.6	0.0	-9362.6	-131.5	97.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-374.3	0.0	0.0	374.3
7- 1	si	6	Tz	-308.7	-7.8	0.0	309.0	
7- 1	si	9	Ty	-207.0	0.0	-10.5	207.8	

----- PROGR. 54.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	36762.1	3427.8	0.0	-9808.7	3.9	-52.6
11-10	10880.7	6066.6	0.0	-1354.2	119.2	-64.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-374.5	0.0	0.0	374.5
11-10	si	6	Tz	-78.6	6.5	0.0	79.4	
11-10	si	9	Ty	-27.9	0.0	6.9	30.4	

----- PROGR. 72.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	34617.9	3357.4	0.0	-9810.0	3.9	-184.0
11-10	9463.5	3906.0	0.0	-1354.2	119.2	-92.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-366.5	0.0	0.0	366.5
11-10	si	6	Tz	-69.6	7.1	0.0	70.7	
6- 1	si	9	Ty	-215.1	0.0	19.8	217.9	

----- PROGR. 91.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	29710.3	3533.4	0.0	-10042.2	-36.5	-298.7
7- 1	26836.8	3404.2	0.0	-9362.6	-63.8	-258.0
6- 1	30092.1	3287.0	0.0	-9811.3	3.9	-315.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-356.7	0.0	0.0	356.7
7- 1	si	5	Tz	-290.9	-8.6	0.0	291.3	
6- 1	si	9	Ty	-215.2	0.0	34.0	223.1	

----- PROGR. 109.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	23105.5	4072.7	0.0	-10042.2	-23.0	-430.1
6- 1	23184.8	3216.7	0.0	-9812.6	3.9	-446.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-339.5	0.0	0.0	339.5
5- 1	si	5	Tz	-291.9	-10.9	0.0	292.6	
6- 1	si	9	Ty	-215.2	0.0	48.2	230.9	

----- PROGR. 127.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	14119.2	4366.5	0.0	-10042.2	-9.4	-561.5
6- 1	13896.0	3146.3	0.0	-9813.9	3.9	-578.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-311.8	0.0	0.0	311.8
6- 1	si	6	Tz	-269.7	13.5	0.0	270.7	
6- 1	si	9	Ty	-215.3	0.0	62.4	240.9	

----- PROGR. 145.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	2751.4	4415.0	0.0	-10042.2	4.1	-692.9
6- 1	2225.7	3075.9	0.0	-9815.2	3.9	-709.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-273.7	0.0	0.0	273.7
6- 1	si	6	Tz	-229.9	16.6	0.0	231.7	
6- 1	si	9	Ty	-215.4	0.0	76.5	252.9	

----- PROGR. 0.

VERIFICA STABILITA` :
 |L0 = 145. |
 Z |Lc = 145. |Ro = 7.45 |lm = 19.5 |Ncr= 2480303.3 |alfa(b) = 0.3400 |ki = 0.9914 |
 Y |Lc = 145. |Ro = 4.51 |lm = 32.1 |Ncr= 911569.6 |alfa(c) = 0.4900 |ki = 0.9131 |
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -9815.2 |Mzeq = 36747.3 |Myeq = 3638.8 |Ss = -398.1 (0.152)

P_HEA180_S017 (17) stato limite ultimo - ASTA (805- 627) 1426
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	2751.4	4415.0	0.0	-10042.2	4.1	682.0
6- 1	2225.7	3075.9	0.0	-9815.2	3.9	685.1

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 2|Sx	Si	-273.7|	0.0|	0.0|	273.7|
| 6- 1|si| 5| Tz		-217.9|	16.0|	0.0|	219.7|
| 6- 1|si| 9| Ty		-215.4|	0.0|	-73.9|	250.5|

PROGR.

18.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	13921.0|	4218.0|	0.0|	-10042.2|	17.6|	550.6|
| 6- 1|	13451.8|	3005.6|	0.0|	-9816.5|	3.9|	553.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-309.7|	0.0|	0.0|	309.7|
| 5- 1|si| 5| Tz		-260.5|	13.5|	0.0|	261.5|
| 6- 1|si| 9| Ty		-215.4|	0.0|	-59.7|	239.0|

PROGR.

36.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	22709.1|	3775.6|	0.0|	-10042.2|	31.2|	419.2|
| 6- 1|	22296.5|	2935.2|	0.0|	-9817.8|	3.9|	422.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-335.3|	0.0|	0.0|	335.3|
| 5- 1|si| 5| Tz		-291.2|	11.0|	0.0|	291.8|
| 6- 1|si| 9| Ty		-215.5|	0.0|	-45.5|	229.4|

PROGR.

54.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	29115.7|	3087.9|	0.0|	-10042.2|	44.7|	287.8|
| 7- 1|	26470.7|	2978.8|	0.0|	-9362.6|	71.6|	251.2|
| 6- 1|	28759.6|	2864.9|	0.0|	-9819.1|	3.9|	290.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-350.3|	0.0|	0.0|	350.3|
| 7- 1|si| 5| Tz		-290.5|	8.8|	0.0|	290.9|
| 6- 1|si| 9| Ty		-215.5|	0.0|	-31.4|	222.3|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	32841.2|	2794.5|	0.0|	-9820.4|	3.9|	159.5|
| 7- 1|	29949.6|	1476.4|	0.0|	-9362.6|	94.2|	132.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-355.3|	0.0|	0.0|	355.3|
| 7- 1|si| 5| Tz		-305.3|	7.0|	0.0|	305.5|
| 6- 1|si| 9| Ty		-215.6|	0.0|	-17.2|	217.6|

PROGR.

91.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	34541.3|	2724.1|	0.0|	-9821.7|	3.9|	28.1|
| 11-15|	10140.7|	5064.1|	0.0|	-1197.9|	-108.1|	59.5|
| 12-12|	11115.3|	1867.3|	0.0|	-1491.6|	-31.9|	60.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-360.4|	0.0|	0.0|	360.4|
| 11-15|si| 6| Tz		-70.7|	-5.9|	0.0|	71.5|
| 12-12|si| 9| Ty		-32.3|	0.0|	-6.5|	34.2|

PROGR.

109.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	33859.9|	2653.8|	0.0|	-9823.0|	3.9|	-103.3|
| 7- 1|	30460.3|	-2755.4|	0.0|	-9362.6|	139.3|	-104.5|
| 5- 1|	34046.6|	-447.8|	0.0|	-10042.2|	85.3|	-106.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx	Si	-357.4|	0.0|	0.0|	357.4|
| 7- 1|si| 6| Tz		-304.5|	8.3|	0.0|	304.9|
| 5- 1|si| 9| Ty		-221.5|	0.0|	11.5|	222.4|

PROGR.

127.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	27492.1|	-5484.8|	0.0|	-9362.6|	161.9|	-223.0|
| 5- 1|	30927.2|	-2117.2|	0.0|	-10042.2|	98.9|	-237.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 7- 1|si| 1|Sx	Si	-353.2|	0.0|	0.0|	353.2|
| 7- 1|si| 6| Tz		-289.1|	12.0|	0.0|	289.9|
| 5- 1|si| 9| Ty		-222.0|	0.0|	25.6|	226.4|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	22374.9|	-8623.2|	0.0|	-9362.6|	184.4|	-341.6|
| 5- 1|	25426.3|	-4032.0|	0.0|	-10042.2|	112.4|	-369.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 7- 1|si| 1|Sx	Si	-366.3|	0.0|	0.0|	366.3|
| 7- 1|si| 6| Tz		-265.6|	15.6|	0.0|	267.0|
| 5- 1|si| 9| Ty		-222.7|	0.0|	39.8|	233.1|

VERIFICA STABILITA` :

|L0 = 145.1
Z |Lc = 145.1|Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|
Y |Lc = 145.1|Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|
Caso 7- 1 - Nodo 1 - Asse Y
Ned = -9362.6|Mzeq = 31279.4|Myeq = -6467.4|Ss = -396.3 (0.151)

P_HEA180_S017 (17) stato limite ultimo - ASTA (627- 807) 1429
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

7- 1	22448.2	-8623.2	0.0	5454.6	-210.3	199.5
| 5- 1|	25505.0|	-4032.0|	0.0|	6472.6|	-122.2|	211.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 3|Sx |	Si |	280.4|	0.0|	0.0|	280.4|	
| 7- 1|si| 6| Tz |		60.7|	-13.5|	0.0|	65.0|	
| 5- 1|si| 9| Ty |		141.4|	0.0|	-22.8|	146.8|	

PROGR. 18.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	27861.4|	2356.0|	0.0|	7640.3|	8.7|	68.7|
| 7- 1|	24990.3|	-5016.7|	0.0|	5454.6|	-187.7|	81.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	286.0|	0.0|	0.0|	286.0|	
| 7- 1|si| 6| Tz |		45.1|	-9.8|	0.0|	48.1|	
| 7- 1|si| 9| Ty |		118.6|	0.0|	-8.7|	119.6|	

PROGR. 36.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	27915.4|	2198.9|	0.0|	7639.0|	8.7|	-62.7|
| 11-16|	9778.3|	5124.7|	0.0|	2321.2|	160.6|	-62.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	284.6|	0.0|	0.0|	284.6|	
| 11-16|si| 6| Tz |		8.0|	8.2|	0.0|	16.3|	
| 6- 1|si| 9| Ty |		169.1|	0.0|	6.8|	169.5|	

PROGR. 54.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	25587.9|	2041.9|	0.0|	7637.7|	8.7|	-194.1|
| 7- 1|	23627.3|	969.2|	0.0|	5454.6|	-142.6|	-156.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	275.2|	0.0|	0.0|	275.2|	
| 7- 1|si| 5| Tz |		41.8|	-9.6|	0.0|	45.0|	
| 6- 1|si| 9| Ty |		169.0|	0.0|	20.9|	172.9|	

PROGR. 72.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	20878.9|	1884.8|	0.0|	7636.4|	8.7|	-325.5|
| 7- 1|	19722.3|	3348.7|	0.0|	5454.6|	-120.0|	-274.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	Si |	257.6|	0.0|	0.0|	257.6|	
| 7- 1|si| 5| Tz |		59.7|	-11.4|	0.0|	62.9|	
| 6- 1|si| 9| Ty |		168.9|	0.0|	35.1|	179.5|	

PROGR. 91.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	14908.3|	3976.5|	0.0|	6472.6|	-54.5|	-445.4|
| 7- 1|	13668.2|	5319.1|	0.0|	5454.6|	-97.4|	-393.3|
| 6- 1|	13788.3|	1727.7|	0.0|	7635.1|	8.7|	-456.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	232.0|	0.0|	0.0|	232.0|	
| 7- 1|si| 5| Tz |		84.1|	-13.2|	0.0|	87.2|	
| 6- 1|si| 9| Ty |		168.9|	0.0|	49.3|	189.2|	

PROGR. 109.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	5644.4|	4842.0|	0.0|	6472.6|	-41.0|	-576.8|
| 6- 1|	4316.3|	1570.7|	0.0|	7633.8|	8.7|	-588.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	209.0|	0.0|	0.0|	209.0|	
| 5- 1|si| 5| Tz |		132.9|	-15.1|	0.0|	135.4|	
| 6- 1|si| 9| Ty |		168.8|	0.0|	63.5|	201.4|	

PROGR. 127.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-6000.9|	5462.1|	0.0|	6472.6|	-27.4|	-708.2|
| 6- 1|	-7537.2|	1413.6|	0.0|	7632.5|	8.7|	-719.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	216.2|	0.0|	0.0|	216.2|	
| 5- 1|si| 5| Tz |		173.7|	-17.5|	0.0|	176.3|	
| 6- 1|si| 9| Ty |		168.7|	0.0|	77.6|	215.7|	
| 6- 1|si|11| Si |		187.0|	0.0|	72.3|	225.0|	

PROGR. 145.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-20027.8|	5836.8|	0.0|	6472.6|	-13.9|	-839.6|
| 6- 1|	-21772.2|	1256.5|	0.0|	7631.2|	8.7|	-851.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	267.5|	0.0|	0.0|	267.5|	
| 6- 1|si| 6| Tz |		239.7|	20.0|	0.0|	242.2|	
| 6- 1|si| 9| Ty |		168.6|	0.0|	91.8|	231.8|	

VERIFICA STABILITA` :

|L0 = 145. |
Z |Lc = 145. |Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|
Y |Lc = 145. |Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|
Cas011- 3 - Nodo 2 - Asse Y
Ned = -688.9|Mzeq = 6689.5|Myeq = 9617.6|Ss = -133.0 (0.051)

P_HEA180_S017 (17) stato limite ultimo - ASTA (807- 346) 1430

Copertura area carburante - Relazione di calcolo

-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	-20027.8 |	5836.8 |	0.0 |	6472.6 |	-13.9 |	663.7 |			
| 6- 1 |	-21772.2 |	1256.5 |	0.0 |	7631.2 |	8.7 |	675.7 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si | 1 | Sx	Si |	267.5 |	0.0 |	0.0 |	267.5 |			
| 6- 1 |	si | 5 | Tz		244.6 |	16.0 |	0.0 |	246.2 |			
| 6- 1 |	si | 9 | Ty		168.6 |	0.0 |	-72.9 |	210.6 |			
-----								PROGR.	18.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 7- 1 |	-7693.0 |	9110.9 |	0.0 |	5454.6 |	-7.2 |	475.6 |			
| 6- 1 |	-10715.4 |	1099.5 |	0.0 |	7629.9 |	8.7 |	544.3 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si | 1 | Sx	Si |	235.0 |	0.0 |	0.0 |	235.0 |			
| 6- 1 |	si | 5 | Tz		206.7 |	12.9 |	0.0 |	207.9 |			
| 6- 1 |	si | 9 | Ty		168.5 |	0.0 |	-58.7 |	196.8 |			
-----								PROGR.	36.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 7- 1 |	-146.9 |	9036.4 |	0.0 |	5454.6 |	15.4 |	357.1 |			
| 6- 1 |	-2040.2 |	942.4 |	0.0 |	7628.6 |	8.7 |	412.9 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si | 1 | Sx	Si |	208.7 |	0.0 |	0.0 |	208.7 |			
| 6- 1 |	si | 5 | Tz		176.9 |	9.9 |	0.0 |	177.7 |			
| 6- 1 |	si | 9 | Ty		168.5 |	0.0 |	-44.5 |	185.3 |			
-----								PROGR.	54.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 7- 1 |	5250.1 |	8552.8 |	0.0 |	5454.6 |	38.0 |	238.5 |			
| 5- 1 |	5343.9 |	5488.5 |	0.0 |	6472.6 |	26.7 |	269.5 |			
| 6- 1 |	4253.6 |	785.3 |	0.0 |	7627.2 |	8.7 |	281.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si | 4 | Sx	Si |	221.3 |	0.0 |	0.0 |	221.3 |			
| 5- 1 |	si | 5 | Tz		135.2 |	7.4 |	0.0 |	135.8 |			
| 6- 1 |	si | 9 | Ty		168.4 |	0.0 |	-30.4 |	176.4 |			
-----								PROGR.	72.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 7- 1 |	8498.2 |	7660.2 |	0.0 |	5454.6 |	60.5 |	119.9 |			
| 6- 1 |	8165.9 |	628.3 |	0.0 |	7625.9 |	8.7 |	150.2 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si | 4 | Sx	Si |	223.7 |	0.0 |	0.0 |	223.7 |			
| 7- 1 |	si | 5 | Tz		106.3 |	5.3 |	0.0 |	106.7 |			
| 6- 1 |	si | 9 | Ty		168.3 |	0.0 |	-16.2 |	170.6 |			
-----								PROGR.	91.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	10350.9 |	4029.3 |	0.0 |	6472.6 |	53.8 |	6.7 |			
| 11-14 |	656.8 |	-4623.6 |	0.0 |	3990.8 |	-85.0 |	29.7 |			
| 12- 8 |	240.5 |	-1317.1 |	0.0 |	4965.1 |	-24.2 |	37.3 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si | 4 | Sx	Si |	217.1 |	0.0 |	0.0 |	217.1 |			
| 11-14 |	si | 6 | Tz		94.7 |	-4.3 |	0.0 |	95.0 |			
| 12- 8 |	si | 9 | Ty		109.0 |	0.0 |	-4.0 |	109.2 |			
-----								PROGR.	109.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	9282.1 |	2931.6 |	0.0 |	6472.6 |	67.3 |	-124.7 |			
| 7- 1 |	8547.1 |	4648.1 |	0.0 |	5454.6 |	105.7 |	-117.2 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1 |	si | 4 | Sx	Si |	202.7 |	0.0 |	0.0 |	202.7 |			
| 7- 1 |	si | 6 | Tz		82.1 |	7.2 |	0.0 |	83.1 |			
| 5- 1 |	si | 9 | Ty		143.6 |	0.0 |	13.4 |	145.5 |			
-----								PROGR.	127.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	5613.7 |	157.1 |	0.0 |	7622.0 |	8.7 |	-244.0 |			
| 7- 1 |	5348.1 |	2528.6 |	0.0 |	5454.6 |	128.2 |	-235.8 |			
| 5- 1 |	5831.8 |	1588.5 |	0.0 |	6472.6 |	80.9 |	-256.1 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si | 4 | Sx	Si |	188.6 |	0.0 |	0.0 |	188.6 |			
| 7- 1 |	si | 6 | Tz		97.1 |	10.8 |	0.0 |	98.9 |			
| 5- 1 |	si | 9 | Ty		143.2 |	0.0 |	27.6 |	151.0 |			
-----								PROGR.	145.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	0.0 |	0.0 |	0.0 |	7620.7 |	8.7 |	-375.4 |			
| 7- 1 |	0.0 |	0.0 |	0.0 |	5454.6 |	150.8 |	-354.3 |			
| 5- 1 |	0.0 |	0.0 |	0.0 |	6472.6 |	94.4 |	-387.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si | 3 | Sx		168.0 |	0.0 |	0.0 |	168.0 |			
| 7- 1 |	si | 6 | Tz		120.2 |	14.5 |	0.0 |	122.8 |			
| 5- 1 |	si | 9 | Ty		142.7 |	0.0 |	41.8 |	160.0 |			
| 6- 1 |	si | 9 | Si		168.0 |	0.0 |	40.5 |	182.0 |			

VERIFICA STABILITA` :

|L0 = 145. |

Copertura area carburante - Relazione di calcolo

Z |Lc = 145. |Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|
 Y |Lc = 145. |Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|
 Caso11- 3 - Nodo 2 - Asse Y
 Ned = -626.0|Mzeq = 2862.2|Myeq = 9617.6|Ss = -118.5 (0.045)

P_HEA180_S017 (17) stato limite ultimo - ASTA (346- 809) 1433
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	0.0	0.0	0.0	3882.8	19.6	70.5
7- 1	0.0	0.0	0.0	-266.3	-177.8	455.3
6- 1	0.0	0.0	0.0	-45.2	-9.7	499.3
5- 1	0.0	0.0	0.0	137.6	-111.1	499.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	|si	1	Sx	85.6	0.0	0.0	85.6
7- 1	|si	6	Tz	-5.9	-18.0	0.0	31.7
6- 1	|si	9	Ty	-1.0	0.0	-53.9	93.3
5- 1	|si	9	Si	3.0	0.0	-53.8	93.3

 ----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	1151.8	-417.2	0.0	3882.8	19.6	37.9
7- 1	8197.5	3497.8	0.0	-266.3	-151.4	316.3
6- 1	8972.4	205.8	0.0	-46.7	-9.7	345.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	|si	3	Sx	93.6	0.0	0.0	93.6
7- 1	|si	6	Tz	-40.5	-13.7	0.0	46.9
6- 1	|si	9	Ty	-1.0	0.0	-37.2	64.5

 ----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	13441.1	6433.4	0.0	-266.3	-124.9	177.3
6- 1	14671.2	411.6	0.0	-48.2	-9.7	191.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	2	Sx	-114.2	0.0	0.0	114.2
7- 1	|si	6	Tz	-64.1	-9.3	0.0	66.1
6- 1	|si	9	Ty	-0.9	0.0	-20.6	35.7

 ----- PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	15730.8	8806.8	0.0	-266.3	-98.5	38.2
8- 1	15738.5	560.9	0.0	-578.6	-8.8	38.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	2	Sx	-145.0	0.0	0.0	145.0
7- 1	|si	6	Tz	-76.5	-5.0	0.0	77.0
8- 1	|si	9	Ty	-12.6	0.0	-4.1	14.5

 ----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	15066.4	10618.0	0.0	-266.3	-72.0	-100.8
5- 1	16242.2	6745.2	0.0	137.6	-47.6	-117.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	2	Sx	-160.4	0.0	0.0	160.4
7- 1	|si	5	Tz	-36.4	-5.4	0.0	37.6
5- 1	|si	9	Ty	5.2	0.0	12.6	22.5

 ----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	11448.2	11867.1	0.0	-266.3	-45.5	-239.8
5- 1	12119.0	7588.2	0.0	137.6	-31.7	-271.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	2	Sx	-160.3	0.0	0.0	160.3
5- 1	|si	5	Tz	-23.4	-7.6	0.0	26.8
5- 1	|si	9	Ty	5.5	0.0	29.2	50.9

 ----- PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	-2463.2	-8887.0	0.0	2653.4	69.7	-117.2
5- 1	4722.3	8093.9	0.0	137.6	-15.9	-425.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	|si	2	Sx	153.4	0.0	0.0	153.4
5- 1	|si	5	Tz	2.7	-10.5	0.0	18.4
5- 1	|si	9	Ty	5.7	0.0	45.9	79.6

 ----- PROGR. 149.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	-5299.6	-10368.2	0.0	2653.4	69.7	-149.8
6- 1	-5937.0	1440.4	0.0	-55.9	-9.7	-579.1
5- 1	-5947.9	8262.3	0.0	137.6	0.0	-579.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	|si	2	Sx	177.4	0.0	0.0	177.4
6- 1	|si	5	Tz	21.7	-13.8	0.0	32.3
5- 1	|si	9	Ty	5.7	0.0	62.5	108.4

 ----- PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	-8829.2	-11849.3	0.0	2653.4	69.7	-182.4
5- 1	-19891.6	8093.4	0.0	137.6	15.9	-733.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	|si	2	Sx	203.8	0.0	0.0	203.8
5- 1	|si	6	Tz	54.9	17.6	0.0	62.8

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9| Ty | 5.7| 0.0| 79.1| 137.1|

VERIFICA STABILITA` :

|L0 = 170.1
Z |Lc = 170.1|Ro = 7.45|lm = 22.8|Ncr= 1804442.1|alfa(b)=0.3400|ki=0.9776|
Y |Lc = 170.1|Ro = 4.51|lm = 37.7|Ncr= 663174.8|alfa(c)=0.4900|ki=0.8793|
Caso 7- 1 - Nodo 3 - Asse Y
Ned = -266.3|Mzeq = -12847.8|Myeq = 11854.5|Ss = -165.8 (0.063)

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PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	-8829.2	-11849.3	0.0	2700.6	-111.5	272.5
| 6- 1|	-19879.2|	1646.2|	0.0|	-57.4|	-9.7|	1017.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 11-15|si| 2|Sx	Si			204.9|	0.0|	0.0|	204.9|
| 6- 1|si| 6| Tz				63.1|	-23.9|	0.0|	75.5|
| 6- 1|si| 9| Ty				-0.7|	0.0|	-109.7|	190.1|

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 11-15|	-3384.3|	-9479.0|	0.0|	2700.6|	-111.5|	239.9|
| 5- 1|	-191.3|	7587.1|	0.0|	137.6|	31.8|	850.1|
| 6- 1|	105.2|	1852.0|	0.0|	-58.9|	-9.7|	863.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 11-15|si| 2|Sx	Si			163.3|	0.0|	0.0|	163.3|
| 5- 1|si| 5| Tz				18.5|	21.0|	0.0|	40.8|
| 6- 1|si| 9| Ty				-0.7|	0.0|	-93.1|	161.3|

PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	14980.5|	9679.2|	0.0|	-266.3|	86.7|	616.5|
| 5- 1|	16235.5|	6743.5|	0.0|	137.6|	47.6|	696.0|
| 6- 1|	16816.1|	2057.8|	0.0|	-60.5|	-9.7|	709.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 2|Sx	Si			-151.0|	0.0|	0.0|	151.0|
| 5- 1|si| 5| Tz				-39.0|	18.1|	0.0|	50.0|
| 6- 1|si| 9| Ty				-0.7|	0.0|	-76.5|	132.5|

PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	26605.0|	7555.1|	0.0|	-266.3|	113.2|	477.5|
| 6- 1|	30253.5|	2263.5|	0.0|	-62.0|	-9.7|	555.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 2|Sx	Si			-169.8|	0.0|	0.0|	169.8|
| 7- 1|si| 5| Tz				-81.6|	15.8|	0.0|	86.0|
| 6- 1|si| 9| Ty				-0.6|	0.0|	-59.9|	103.8|

PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	39268.7|	4044.4|	0.0|	137.6|	79.4|	387.9|
| 7- 1|	35275.6|	4868.7|	0.0|	-266.3|	139.6|	338.5|
| 6- 1|	40417.4|	2469.3|	0.0|	-63.5|	-9.7|	401.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|Sx	Si			175.8|	0.0|	0.0|	175.8|
| 7- 1|si| 5| Tz				-116.3|	13.7|	0.0|	118.7|
| 6- 1|si| 9| Ty				-0.6|	0.0|	-43.3|	75.0|

PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	47307.8|	2675.1|	0.0|	-65.0|	-9.7|	247.2|
| 7- 1|	40992.2|	1620.2|	0.0|	-266.3|	166.1|	199.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si			-188.2|	0.0|	0.0|	188.2|
| 7- 1|si| 5| Tz				-142.0|	11.6|	0.0|	143.4|
| 6- 1|si| 9| Ty				-0.6|	0.0|	-26.7|	46.2|

PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	50924.7|	2880.9|	0.0|	-66.6|	-9.7|	93.2|
| 7- 1|	43754.8|	-2190.5|	0.0|	-266.3|	192.6|	60.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si			-202.6|	0.0|	0.0|	202.6|
| 7- 1|si| 5| Tz				-158.8|	9.5|	0.0|	159.7|
| 6- 1|si| 9| Ty				-0.5|	0.0|	-10.1|	17.4|

PROGR. 149.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	43563.6|	-6563.5|	0.0|	-266.3|	219.0|	-78.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 1|Sx	Si			-217.8|	0.0|	0.0|	217.8|
| 7- 1|si| 6| Tz				-141.1|	11.0|	0.0|	142.4|
| 7- 1|si| 9| Ty				-8.0|	0.0|	8.5|	16.7|

PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	40418.3|	-11498.6|	0.0|	-266.3|	245.5|	-217.5|
| 5- 1|	46052.9|	-5401.6|	0.0|	137.6|	142.9|	-228.3|

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si| 1	|Sx	Si	-255.1	0.0	0.0	255.1
7- 1	|si| 6	Tz		-120.8	15.3	0.0	123.7
5- 1	|si| 9	Ty		1.3	0.0	24.6	42.7

 VERIFICA STABILITA` :

L0 = 170. |
 Z |Lc = 170. |Ro = 7.45 |lm = 22.8 |Ncr= 1804442.1 |alfa(b)=0.3400 |ki=0.9776 |
 Y |Lc = 170. |Ro = 4.51 |lm = 37.7 |Ncr= 663174.8 |alfa(c)=0.4900 |ki=0.8793 |
 Caso 7- 1 - Nodo 2 - Asse Y
 Ned = -266.3 |Mzeq = 35617.9 |Myeq = 9180.7 |Ss = -217.1 (0.083)

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 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	40265.8	-11498.6	0.0	-12066.5	-209.8	313.2
5- 1	45886.4	-5401.6	0.0	-12933.7	-125.1	333.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si| 1	|Sx	Si	-514.7	0.0	0.0	514.7
7- 1	|si| 6	Tz		-380.4	-16.1	0.0	381.4
5- 1	|si| 9	Ty		-286.8	0.0	-36.0	293.5

 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	45445.4	-7322.0	0.0	-12066.5	-183.3	174.2
5- 1	51340.4	-2912.6	0.0	-12933.7	-109.2	179.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si| 1	|Sx	Si	-491.7	0.0	0.0	491.7
7- 1	|si| 6	Tz		-406.2	-11.7	0.0	406.7
5- 1	|si| 9	Ty		-286.0	0.0	-19.4	288.0

 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	54979.1	3216.7	0.0	-12483.1	1.8	6.0
7- 1	47671.0	-3707.6	0.0	-12066.5	-156.9	35.2
11-14	15957.1	5986.5	0.0	-1418.9	26.5	-55.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 2	|Sx	Si	-493.3	0.0	0.0	493.3
7- 1	|si| 6	Tz		-420.8	-7.4	0.0	420.9
11-14	|si| 9	Ty		-29.3	0.0	6.0	31.1

 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	53469.3	3178.8	0.0	-12484.6	1.8	-148.1
7- 1	46942.6	-655.4	0.0	-12066.5	-130.4	-103.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 2	|Sx	Si	-487.8	0.0	0.0	487.8
7- 1	|si| 5	Tz		-426.8	-7.9	0.0	427.0
6- 1	|si| 9	Ty		-274.2	0.0	16.0	275.6

 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	48061.5	2530.5	0.0	-12933.7	-61.6	-282.5
7- 1	43260.3	1834.6	0.0	-12066.5	-103.9	-242.8
6- 1	48686.0	3140.9	0.0	-12486.2	1.8	-302.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 2	|Sx	Si	-473.0	0.0	0.0	473.0
7- 1	|si| 5	Tz		-409.4	-10.0	0.0	409.8
6- 1	|si| 9	Ty		-274.2	0.0	32.6	280.0

 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	40421.5	3670.3	0.0	-12933.7	-45.7	-436.6
7- 1	36624.1	3762.4	0.0	-12066.5	-77.5	-381.8
6- 1	40629.2	3103.0	0.0	-12487.7	1.8	-456.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 2	|Sx	Si	-458.2	0.0	0.0	458.2
7- 1	|si| 5	Tz		-383.1	-12.1	0.0	383.7
6- 1	|si| 9	Ty		-274.3	0.0	49.2	287.2

 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	29508.0	4472.7	0.0	-12933.7	-29.8	-590.6
6- 1	29298.9	3065.2	0.0	-12489.2	1.8	-610.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 2	|Sx	Si	-428.9	0.0	0.0	428.9
5- 1	|si| 5	Tz		-376.7	-14.9	0.0	377.5
6- 1	|si| 9	Ty		-274.3	0.0	65.8	297.0

 149.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	15320.9	4937.8	0.0	-12933.7	-14.0	-744.6
6- 1	14695.1	3027.3	0.0	-12490.8	1.8	-764.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 2	|Sx	Si	-385.2	0.0	0.0	385.2
5- 1	|si| 5	Tz		-327.5	-17.8	0.0	329.0
6- 1	|si| 9	Ty		-274.3	0.0	82.4	309.3

 170.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-2139.6|	5065.6|	0.0|	-12933.7|	1.9|	-898.7|
6- 1|	-3182.2|	2989.4|	0.0|	-12492.3|	1.8|	-918.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx			Si|	-341.7|	0.0|	0.0|	341.7|
6- 1|si| 6|			Tz	-270.4|	21.3|	0.0|	272.9|
6- 1|si| 9|			Ty	-274.4|	0.0|	99.1|	323.6|

VERIFICA STABILITA` :

L0 = 170.1
 Z |Lc = 170.1|Ro = 7.45|lm = 22.8|Ncr= 1804442.1|alfa(b)=0.3400|ki=0.9776|
 Y |Lc = 170.1|Ro = 4.51|lm = 37.7|Ncr= 663174.8|alfa(c)=0.4900|ki=0.8793|
 Caso 7- 1 - Nodo 1 - Asse Y
 Ned = -12066.5|Mzeq = 45998.0|Myeq = -8623.9|Ss = -545.3 (0.208)

P_HEA180_S017 (17) stato limite ultimo - ASTA (811- 663) 1438
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-2139.6|	5065.6|	0.0|	-12933.7|	1.9|	790.0|
6- 1|	-3182.2|	2989.4|	0.0|	-12492.3|	1.8|	798.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx			Si|	-341.7|	0.0|	0.0|	341.7|
6- 1|si| 5|			Tz	-258.7|	18.5|	0.0|	260.7|
6- 1|si| 9|			Ty	-274.4|	0.0|	-86.1|	312.3|

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	13011.7|	4856.0|	0.0|	-12933.7|	17.8|	636.0|
6- 1|	12145.3|	2951.6|	0.0|	-12493.8|	1.8|	644.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-376.6|	0.0|	0.0|	376.6|
5- 1|si| 5|			Tz	-319.9|	15.4|	0.0|	321.0|
6- 1|si| 9|			Ty	-274.4|	0.0|	-69.5|	299.7|

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	24889.4|	4309.2|	0.0|	-12933.7|	33.7|	481.9|
6- 1|	24199.3|	2913.7|	0.0|	-12495.4|	1.8|	490.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-411.6|	0.0|	0.0|	411.6|
5- 1|si| 5|			Tz	-361.3|	12.6|	0.0|	361.9|
6- 1|si| 9|			Ty	-274.5|	0.0|	-52.9|	289.4|

----- PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	33493.6|	3425.0|	0.0|	-12933.7|	49.5|	327.9|
7- 1|	30519.1|	3523.1|	0.0|	-12066.5|	81.2|	286.0|
6- 1|	32979.9|	2875.8|	0.0|	-12496.9|	1.8|	336.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-432.2|	0.0|	0.0|	432.2|
7- 1|si| 5|			Tz	-362.8|	10.0|	0.0|	363.2|
6- 1|si| 9|			Ty	-274.5|	0.0|	-36.3|	281.6|

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	38824.3|	2203.5|	0.0|	-12933.7|	65.4|	173.8|
7- 1|	35120.4|	1515.5|	0.0|	-12066.5|	107.7|	147.0|
6- 1|	38486.9|	2837.9|	0.0|	-12498.4|	1.8|	182.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|Sx			Si|	-438.5|	0.0|	0.0|	438.5|
7- 1|si| 5|			Tz	-382.4|	7.9|	0.0|	382.6|
6- 1|si| 9|			Ty	-274.6|	0.0|	-19.6|	276.7|

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	40720.4|	2800.1|	0.0|	-12499.9|	1.8|	28.1|
7- 1|	36767.7|	-1054.3|	0.0|	-12066.5|	134.2|	8.0|
11-16|	10684.0|	1023.0|	0.0|	-1209.9|	14.8|	56.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx			Si|	-441.2|	0.0|	0.0|	441.2|
7- 1|si| 5|			Tz	-393.0|	5.8|	0.0|	393.1|
11-16|si| 9|			Ty	-26.3|	0.0|	-6.1|	28.4|

----- PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	39680.4|	2762.2|	0.0|	-12501.5|	1.8|	-126.0|
7- 1|	35461.0|	-4186.2|	0.0|	-12066.5|	160.6|	-131.0|
5- 1|	39665.2|	-1251.4|	0.0|	-12933.7|	97.2|	-134.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 2|Sx			Si|	-437.3|	0.0|	0.0|	437.3|
7- 1|si| 6|			Tz	-378.3|	9.8|	0.0|	378.7|
5- 1|si| 9|			Ty	-285.5|	0.0|	14.5|	286.6|

----- PROGR. 149.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	31200.5|	-7880.4|	0.0|	-12066.5|	187.1|	-270.0|
5- 1|	35175.4|	-3484.8|	0.0|	-12933.7|	113.0|	-288.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1 si 9			Ty	-285.5	0.0	14.5	286.6

Copertura area carburante - Relazione di calcolo

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| 7- 1|si| 1|Sx  Si| -448.7| 0.0| 0.0| 448.7|
| 7- 1|si| 6| Tz  | -356.7| 14.1| 0.0| 357.5|
| 5- 1|si| 9| Ty  | -286.2| 0.0| 31.1| 291.2|
-----
PROGR. 170.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 23985.9| -12136.7| 0.0| -12066.5| 213.5| -409.0|
| 5- 1| 27412.1| -6055.6| 0.0| -12933.7| 128.9| -442.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx  Si| -465.6| 0.0| 0.0| 465.6|
| 7- 1|si| 6| Tz  | -323.9| 18.4| 0.0| 325.4|
| 5- 1|si| 9| Ty  | -287.1| 0.0| 47.7| 298.7|
-----
VERIFICA STABILITA` :
|L0 = 170.
Z |Lc = 170. |Ro = 7.45|lm = 22.8|Ncr= 1804442.1|alfa(b)=0.3400|ki=0.9776|
Y |Lc = 170. |Ro = 4.51|lm = 37.7|Ncr= 663174.8|alfa(c)=0.4900|ki=0.8793|
Caso 7- 1 - Nodo 1 - Asse Y
Ned = -12066.5|Mzeq = 35416.1|Myeq = -9102.5|Ss = -513.9 ( 0.196)
P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 663- 813) 1441
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 27584.2| -6055.6| 0.0| 20569.3| -144.8| 160.3|
| 7- 1| 24142.2| -12136.7| 0.0| 18184.9| -247.3| 153.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx  Si| 606.1| 0.0| 0.0| 606.1|
| 7- 1|si| 6| Tz  | 342.4| -13.9| 0.0| 343.3|
| 5- 1|si| 9| Ty  | 451.4| 0.0| -17.3| 452.4|
-----
PROGR. 21.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 29427.2| 2518.5| 0.0| 21786.8| 7.9| -7.4|
| 7- 2| 5372.0| 9962.2| 0.0| 5406.3| 229.7| -9.4|
| 11-16| 10440.1| -94.2| 0.0| 6491.9| 8.2| -52.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| 604.7| 0.0| 0.0| 604.7|
| 7- 2|si| 6| Tz  | 81.5| 9.9| 0.0| 83.3|
| 11-16|si| 9| Ty  | 143.1| 0.0| 5.7| 143.4|
-----
PROGR. 42.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 27633.4| 2350.6| 0.0| 21785.3| 7.9| -161.4|
| 7- 1| 24756.8| -2748.9| 0.0| 18184.9| -194.4| -124.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| 597.0| 0.0| 0.0| 597.0|
| 7- 1|si| 5| Tz  | 311.4| -11.1| 0.0| 311.9|
| 6- 1|si| 9| Ty  | 481.0| 0.0| 17.4| 481.9|
-----
PROGR. 64.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 22566.1| 2182.7| 0.0| 21783.8| 7.9| -315.5|
| 7- 1| 20633.3| 1101.7| 0.0| 18184.9| -168.0| -263.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| 578.1| 0.0| 0.0| 578.1|
| 7- 1|si| 5| Tz  | 332.9| -13.2| 0.0| 333.6|
| 6- 1|si| 9| Ty  | 480.9| 0.0| 34.0| 484.5|
-----
PROGR. 85.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 14225.2| 2014.8| 0.0| 21782.2| 7.9| -469.5|
| 7- 1| 13555.7| 4390.1| 0.0| 18184.9| -141.5| -402.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx  Si| 548.1| 0.0| 0.0| 548.1|
| 7- 1|si| 5| Tz  | 363.3| -15.3| 0.0| 364.3|
| 6- 1|si| 9| Ty  | 480.8| 0.0| 50.6| 488.7|
-----
PROGR. 106.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 3699.6| 5113.0| 0.0| 20569.3| -65.4| -609.9|
| 7- 1| 3524.2| 7116.4| 0.0| 18184.9| -115.1| -541.6|
| 6- 1| 2610.9| 1846.9| 0.0| 21780.7| 7.9| -623.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| 515.7| 0.0| 0.0| 515.7|
| 7- 1|si| 5| Tz  | 402.7| -17.4| 0.0| 403.8|
| 6- 1|si| 9| Ty  | 480.7| 0.0| 67.3| 494.6|
-----
PROGR. 128.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -10897.8| 6334.8| 0.0| 20569.3| -49.6| -764.0|
| 6- 1| -12277.0| 1679.0| 0.0| 21779.2| 7.9| -777.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| 552.1| 0.0| 0.0| 552.1|
| 5- 1|si| 5| Tz  | 502.8| -19.7| 0.0| 503.9|
| 6- 1|si| 9| Ty  | 480.6| 0.0| 83.9| 502.1|
-----
PROGR. 149.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -28768.7| 7219.2| 0.0| 20569.3| -33.7| -918.0|

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Copertura area carburante - Relazione di calcolo

6- 1	-30438.3	1511.1	0.0	21777.7	7.9	-931.7
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |Si|	621.4|	0.0|	0.0|	621.4|		
| 5- 1|si| 5| Tz |	565.2|	-22.6|	0.0|	566.6|		
| 6- 1|si| 9| Ty |	480.5|	0.0|	100.5|	511.1|		

PROGR. 170.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-49913.2|	7766.4|	0.0|	20569.3|	-17.8|	-1072.1|
| 6- 1|	-51873.2|	1343.2|	0.0|	21776.1|	7.9|	-1085.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |Si|	698.6|	0.0|	0.0|	698.6|		
| 5- 1|si| 5| Tz |	638.1|	-25.5|	0.0|	639.7|		
| 6- 1|si| 9| Ty |	480.4|	0.0|	117.1|	521.5|		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA180_S017 (17)	stato limite ultimo - ASTA (813- 364)	1442
	PROGR.	0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-49913.2|	7766.4|	0.0|	20569.3|	-17.8|	909.8|
| 6- 1|	-51873.2|	1343.2|	0.0|	21776.1|	7.9|	921.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |Si|	698.6|	0.0|	0.0|	698.6|		
| 5- 1|si| 6| Tz |	607.9|	-21.8|	0.0|	609.1|		
| 6- 1|si| 9| Ty |	480.4|	0.0|	-99.4|	510.3|		

PROGR. 21.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-32216.7|	7976.2|	0.0|	20569.3|	-1.9|	755.7|
| 6- 1|	-33931.8|	1175.3|	0.0|	21774.6|	7.9|	767.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |Si|	640.5|	0.0|	0.0|	640.5|		
| 6- 1|si| 5| Tz |	597.6|	18.1|	0.0|	598.4|		
| 6- 1|si| 9| Ty |	480.3|	0.0|	-82.8|	501.3|		

PROGR. 42.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-17793.8|	7848.7|	0.0|	20569.3|	13.9|	601.7|
| 6- 1|	-19263.9|	1007.4|	0.0|	21773.1|	7.9|	613.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |Si|	590.3|	0.0|	0.0|	590.3|		
| 6- 1|si| 5| Tz |	547.4|	14.5|	0.0|	547.9|		
| 6- 1|si| 9| Ty |	480.3|	0.0|	-66.1|	493.7|		

PROGR. 64.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-6644.4|	7383.9|	0.0|	20569.3|	29.8|	447.7|
| 6- 1|	-7869.5|	839.5|	0.0|	21771.5|	7.9|	459.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |Si|	547.8|	0.0|	0.0|	547.8|		
| 5- 1|si| 5| Tz |	490.3|	11.6|	0.0|	490.8|		
| 6- 1|si| 9| Ty |	480.2|	0.0|	-49.5|	487.8|		

PROGR. 85.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	1231.5|	6581.7|	0.0|	20569.3|	45.7|	293.6|
| 7- 1|	1484.6|	10458.5|	0.0|	18184.9|	70.1|	260.6|
| 6- 1|	251.4|	671.6|	0.0|	21770.0|	7.9|	305.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	521.6|	0.0|	0.0|	521.6|		
| 7- 1|si| 5| Tz |	416.2|	9.0|	0.0|	416.4|		
| 6- 1|si| 9| Ty |	480.1|	0.0|	-32.9|	483.5|		

PROGR. 106.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	5833.9|	5442.3|	0.0|	20569.3|	61.6|	139.6|
| 7- 1|	5544.4|	8687.2|	0.0|	18184.9|	96.6|	121.5|
| 6- 1|	5098.8|	503.7|	0.0|	21768.5|	7.9|	151.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	526.2|	0.0|	0.0|	526.2|		
| 7- 1|si| 5| Tz |	398.9|	6.9|	0.0|	399.1|		
| 6- 1|si| 9| Ty |	480.0|	0.0|	-16.3|	480.8|		

PROGR. 128.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	7162.7|	3965.5|	0.0|	20569.3|	77.4|	-14.5|
| 7- 1|	6650.2|	6353.6|	0.0|	18184.9|	123.0|	-17.5|
| 11-14|	135.8|	-326.6|	0.0|	7737.4|	-7.7|	29.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	516.3|	0.0|	0.0|	516.3|		
| 7- 1|si| 6| Tz |	365.9|	5.6|	0.0|	366.0|		
| 11-14|si| 9| Ty |	170.4|	0.0|	-3.2|	170.5|		

PROGR. 149.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	4973.1|	167.9|	0.0|	21765.4|	7.9|	-157.0|
| 7- 1|	4802.1|	3457.9|	0.0|	18184.9|	149.5|	-156.5|
| 5- 1|	5218.1|	2151.4|	0.0|	20569.3|	93.3|	-168.5|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 4|	Sx	| 498.3|	| 0.0|	| 0.0|	| 498.3|	
| 7- 1|	|si| 6|	Tz	| 377.8|	| 9.9|	| 0.0|	| 378.2|	
| 5- 1|	|si| 9|	Ty	| 454.1|	| 0.0|	| 18.2|	| 455.2|	
							PROGR. 170.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 6- 1|	0.0|	0.0|	0.0|	21763.9|	7.9|	-311.1|	
| 7- 1|	0.0|	0.0|	0.0|	18184.9|	176.0|	-295.5|	
| 5- 1|	0.0|	0.0|	0.0|	20569.3|	109.2|	-322.6|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 3|	Sx	| 479.7|	| 0.0|	| 0.0|	| 479.7|	
| 7- 1|	|si| 6|	Tz	| 400.8|	| 14.2|	| 0.0|	| 401.6|	
| 5- 1|	|si| 9|	Ty	| 453.4|	| 0.0|	| 34.8|	| 457.4|	
| 6- 1|	|si| 9|	Si	| 479.7|	| 0.0|	| 33.6|	| 483.2|	

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.							
P_HEA180_S017 (17) stato limite ultimo - ASTA (364- 815) 1445							
							PROGR. 0.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	0.0|	0.0|	0.0|	11379.7|	-105.9|	357.3|	
| 7- 1|	0.0|	0.0|	0.0|	9840.5|	-166.4|	327.5|	
| 6- 1|	0.0|	0.0|	0.0|	11124.6|	-13.3|	358.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 1|	Sx	| 250.8|	| 0.0|	| 0.0|	| 250.8|	
| 7- 1|	|si| 6|	Tz	| 216.9|	| -14.6|	| 0.0|	| 218.4|	
| 6- 1|	|si| 9|	Ty	| 245.2|	| 0.0|	| -38.6|	| 254.2|	
| 5- 1|	|si| 9|	Si	| 250.8|	| 0.0|	| -38.5|	| 259.6|	
							PROGR. 20.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	5663.6|	1955.1|	0.0|	11379.7|	-91.1|	213.4|	
| 7- 1|	5213.0|	3058.3|	0.0|	9840.5|	-141.7|	197.7|	
| 6- 1|	5679.9|	263.9|	0.0|	11123.2|	-13.3|	214.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx	| 289.1|	| 0.0|	| 0.0|	| 289.1|	
| 7- 1|	|si| 6|	Tz	| 193.2|	| -10.5|	| 0.0|	| 194.1|	
| 6- 1|	|si| 9|	Ty	| 245.3|	| 0.0|	| -23.1|	| 248.5|	
							PROGR. 40.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	8470.8|	3615.8|	0.0|	11379.7|	-76.3|	69.5|	
| 7- 1|	7848.5|	5626.0|	0.0|	9840.5|	-117.0|	67.8|	
| 6- 1|	8503.4|	527.8|	0.0|	11121.7|	-13.3|	70.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx	| 314.8|	| 0.0|	| 0.0|	| 314.8|	
| 7- 1|	|si| 6|	Tz	| 179.3|	| -6.5|	| 0.0|	| 179.6|	
| 6- 1|	|si| 9|	Ty	| 245.3|	| 0.0|	| -7.6|	| 245.7|	
							PROGR. 60.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	8421.7|	4982.2|	0.0|	11379.7|	-61.4|	-74.4|	
| 7- 1|	7906.5|	7703.2|	0.0|	9840.5|	-92.3|	-62.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx	| 327.9|	| 0.0|	| 0.0|	| 327.9|	
| 7- 1|	|si| 5|	Tz	| 205.0|	| -5.3|	| 0.0|	| 205.2|	
| 5- 1|	|si| 9|	Ty	| 252.5|	| 0.0|	| 8.0|	| 252.8|	
							PROGR. 79.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	5516.1|	6054.3|	0.0|	11379.7|	-46.6|	-218.3|	
| 7- 1|	5386.9|	9289.8|	0.0|	9840.5|	-67.6|	-191.9|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx	| 328.5|	| 0.0|	| 0.0|	| 328.5|	
| 7- 1|	|si| 5|	Tz	| 216.7|	| -7.3|	| 0.0|	| 217.1|	
| 5- 1|	|si| 9|	Ty	| 252.8|	| 0.0|	| 23.5|	| 256.1|	
							PROGR. 99.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 7- 1|	289.7|	10385.8|	0.0|	9840.5|	-42.9|	-321.7|	
| 5- 1|	-245.8|	6832.0|	0.0|	11379.7|	-31.8|	-362.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 7- 1|	|si| 4|	Sx	| 319.0|	| 0.0|	| 0.0|	| 319.0|	
| 5- 1|	|si| 5|	Tz	| 265.0|	| -9.7|	| 0.0|	| 265.5|	
| 5- 1|	|si| 9|	Ty	| 253.1|	| 0.0|	| 39.1|	| 261.9|	
							PROGR. 119.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	-8864.1|	7315.4|	0.0|	11379.7|	-16.9|	-506.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 1|	Sx	| 352.2|	| 0.0|	| 0.0|	| 352.2|	
| 5- 1|	|si| 5|	Tz	| 295.2|	| -12.4|	| 0.0|	| 296.0|	
| 5- 1|	|si| 9|	Ty	| 253.2|	| 0.0|	| 54.6|	| 270.3|	
							PROGR. 139.
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	-20338.8|	7504.4|	0.0|	11379.7|	-2.1|	-650.0|	
6- 1	-20224.8	1847.2	0.0	11114.6	-13.3	-649.2	

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | 393.0| 0.0| 0.0| 393.0|
| 6- 1|si| 5| Tz | | 317.3| -15.6| 0.0| 318.5|
| 5- 1|si| 9| Ty | | 253.3| 0.0| 70.1| 280.9|
-----
PROGR. 159.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -34669.9| 7399.1| 0.0| 11379.7| 12.7| -793.9|
| 6- 1| -34539.6| 2111.1| 0.0| 11113.2| -13.3| -793.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | 440.7| 0.0| 0.0| 440.7|
| 6- 1|si| 5| Tz | | 366.4| -18.9| 0.0| 367.9|
| 5- 1|si| 9| Ty | | 253.2| 0.0| 85.6| 293.5|
-----
PROGR. 159.

VERIFICA STABILITA` :
|L0 = 159.1
Z |Lc = 159.1|Ro = 7.45|lm = 21.3|Ncr= 2067948.9|alfa(b)=0.3400|ki=0.9838|
Y |Lc = 159.1|Ro = 4.51|lm = 35.2|Ncr= 760019.7|alfa(c)=0.4900|ki=0.8946|
Casol2- 1 - Nodo 2 - Asse Y
Ned = -787.0|Mzeq = 2710.6|Myeq = 252.6|Ss = -31.1 ( 0.012)

P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 815- 697) 1446
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -34669.9| 7399.1| 0.0| 11379.7| 12.7| 1115.7|
| 6- 1| -34539.6| 2111.1| 0.0| 11113.2| -13.3| 1130.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | 440.7| 0.0| 0.0| 440.7|
| 6- 1|si| 6| Tz | | 358.2| -26.7| 0.0| 361.2|
| 6- 1|si| 9| Ty | | 245.6| 0.0| -121.9| 323.9|
-----
PROGR. 20.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -13951.7| 6999.5| 0.0| 11379.7| 27.5| 971.8|
| 6- 1| -13537.6| 2375.0| 0.0| 11111.7| -13.3| 986.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | 366.4| 0.0| 0.0| 366.4|
| 5- 1|si| 5| Tz | | 311.9| 23.6| 0.0| 314.5|
| 6- 1|si| 9| Ty | | 245.7| 0.0| -106.4| 307.1|
-----
PROGR. 40.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 3910.0| 6305.6| 0.0| 11379.7| 42.4| 827.9|
| 6- 1| 4608.0| 2638.9| 0.0| 11110.3| -13.3| 842.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 325.5| 0.0| 0.0| 325.5|
| 5- 1|si| 5| Tz | | 249.8| 20.9| 0.0| 252.4|
| 6- 1|si| 9| Ty | | 245.8| 0.0| -90.8| 291.8|
-----
PROGR. 60.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18915.4| 5317.3| 0.0| 11379.7| 57.2| 684.0|
| 7- 1| 17253.2| 6660.5| 0.0| 9840.5| 105.4| 606.6|
| 6- 1| 19897.3| 2902.8| 0.0| 11108.9| -13.3| 698.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 366.9| 0.0| 0.0| 366.9|
| 7- 1|si| 5| Tz | | 171.2| 18.4| 0.0| 174.2|
| 6- 1|si| 9| Ty | | 245.8| 0.0| -75.3| 278.3|
-----
PROGR. 79.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 31064.4| 4034.7| 0.0| 11379.7| 72.0| 540.1|
| 7- 1| 28004.9| 4322.6| 0.0| 9840.5| 130.1| 476.7|
| 6- 1| 32330.2| 3166.7| 0.0| 11107.4| -13.3| 554.4|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 395.7| 0.0| 0.0| 395.7|
| 7- 1|si| 5| Tz | | 130.2| 16.5| 0.0| 133.3|
| 6- 1|si| 9| Ty | | 245.9| 0.0| -59.8| 266.8|
-----
PROGR. 99.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 41906.6| 3430.6| 0.0| 11106.0| -13.3| 410.5|
| 7- 1| 36179.0| 1494.2| 0.0| 9840.5| 154.8| 346.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | 420.6| 0.0| 0.0| 420.6|
| 7- 1|si| 5| Tz | | 96.9| 14.5| 0.0| 100.1|
| 6- 1|si| 9| Ty | | 245.9| 0.0| -44.3| 257.6|
-----
PROGR. 119.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 48626.8| 3694.5| 0.0| 11104.6| -13.3| 266.6|
| 7- 1| 41775.6| -1824.8| 0.0| 9840.5| 179.6| 217.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | 446.0| 0.0| 0.0| 446.0|
| 7- 1|si| 5| Tz | | 71.4| 12.6| 0.0| 74.6|
| 6- 1|si| 9| Ty | | 246.0| 0.0| -28.8| 251.0|
-----
PROGR. 139.

SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1	52490.5	3958.4	0.0	11103.1	-13.3	122.7
| 7- 1|	44794.6|	-5634.3|	0.0|	9840.5|	204.3|	87.2|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 4|Sx	Si| 461.6|	0.0|	0.0|	461.6|	
| 7- 1|	si| 5| Tz	| 53.7|	10.6|	0.0|	56.8|	
| 6- 1|	si| 9| Ty	| 246.0|	0.0|	-13.2|	247.1|	
----- PROGR. 159.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	53497.8|	4222.3|	0.0|	11101.7|	-13.3|	-21.2|
| 7- 2|	14032.9|	14724.5|	0.0|	1877.9|	-244.1|	17.2|
| 11-16|	16332.3|	4473.3|	0.0|	5760.8|	-23.4|	62.5|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 4|Sx	Si| 467.6|	0.0|	0.0|	467.6|	
| 7- 2|	si| 6| Tz	| -35.0|	-10.7|	0.0|	39.5|	
| 11-16|	si| 9| Ty	| 128.4|	0.0|	-6.7|	129.0|	
----- PROGR. 159.						
VERIFICA STABILITA` :						
|L0 = 159. |						
Z |Lc = 159. |Ro = 7.45|lm = 21.3|Ncr= 2067948.9|alfa(b)=0.3400|ki=0.9838|						
Y |Lc = 159. |Ro = 4.51|lm = 35.2|Ncr= 760019.7|alfa(c)=0.4900|ki=0.8946|						
Casol2- 5 - Nodo 1 - Asse Y						
Ned = -659.8|Mzeq = 12216.3|Myeq = -320.5|Ss = -60.9 (0.023)						
P_HEA180_S017 (17) stato limite ultimo - ASTA (697- 817) 1449						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	53403.4|	4222.3|	0.0|	-35407.2|	19.9|	416.3|
| 7- 1|	45145.9|	-9934.4|	0.0|	-32570.2|	-196.7|	403.9|
| 5- 1|	50997.5|	-4039.1|	0.0|	-35706.2|	-108.9|	436.2|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 2|Sx	Si| -1003.0|	0.0|	0.0|	1003.0|	
| 7- 1|	si| 6| Tz	| -852.0|	-17.6|	0.0|	852.5|	
| 5- 1|	si| 9| Ty	| -788.4|	0.0|	-47.1|	792.6|	
----- PROGR. 20.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	60238.2|	3826.5|	0.0|	-35408.7|	19.9|	272.4|
| 7- 1|	51874.0|	-6275.6|	0.0|	-32570.2|	-172.0|	274.0|
| 5- 1|	58228.6|	-2024.4|	0.0|	-35706.2|	-94.1|	292.3|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 2|Sx	Si| -1022.4|	0.0|	0.0|	1022.4|	
| 7- 1|	si| 6| Tz	| -882.0|	-13.6|	0.0|	882.3|	
| 5- 1|	si| 9| Ty	| -787.7|	0.0|	-31.5|	789.6|	
----- PROGR. 40.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	64216.6|	3430.8|	0.0|	-35410.1|	19.9|	128.5|
| 7- 1|	56024.5|	-3107.5|	0.0|	-32570.2|	-147.2|	144.2|
| 5- 1|	62603.3|	-304.0|	0.0|	-35706.2|	-79.3|	148.4|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 2|Sx	Si| -1032.1|	0.0|	0.0|	1032.1|	
| 7- 1|	si| 6| Tz	| -902.3|	-9.5|	0.0|	902.4|	
| 5- 1|	si| 9| Ty	| -787.1|	0.0|	-16.0|	787.6|	
----- PROGR. 60.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	65338.6|	3035.0|	0.0|	-35411.5|	19.9|	-15.4|
| 7- 2|	15383.7|	3889.4|	0.0|	-7846.9|	144.9|	-19.0|
| 11-14|	17766.3|	607.4|	0.0|	-7566.7|	65.2|	-53.7|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 2|Sx	Si| -1032.1|	0.0|	0.0|	1032.1|	
| 7- 2|	si| 6| Tz	| -232.8|	6.5|	0.0|	233.1|	
| 11-14|	si| 9| Ty	| -166.6|	0.0|	5.8|	166.9|	
----- PROGR. 79.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	63604.2|	2639.3|	0.0|	-35413.0|	19.9|	-159.3|
| 7- 1|	56592.9|	1757.3|	0.0|	-32570.2|	-97.8|	-115.5|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	si| 2|Sx	Si| -1022.4|	0.0|	0.0|	1022.4|	
| 7- 1|	si| 5| Tz	| -906.8|	-6.8|	0.0|	906.9|	
| 6- 1|	si| 9| Ty	| -779.7|	0.0|	17.2|	780.3|	
----- PROGR. 99.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	58589.2|	3091.3|	0.0|	-35706.2|	-34.8|	-283.3|
| 7- 1|	53010.8|	3453.8|	0.0|	-32570.2|	-73.1|	-245.4|
| 6- 1|	59013.4|	2243.5|	0.0|	-35414.4|	19.9|	-303.2|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|	si| 2|Sx	Si| -1016.2|	0.0|	0.0|	1016.2|	
| 7- 1|	si| 5| Tz	| -891.3|	-8.7|	0.0|	891.5|	
| 6- 1|	si| 9| Ty	| -779.9|	0.0|	32.7|	781.9|	
----- PROGR. 119.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	51538.4|	3634.3|	0.0|	-35706.2|	-19.9|	-427.2|
6- 1	51566.3	1847.8	0.0	-35415.8	19.9	-447.1

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -997.6| 0.0| 0.0| 997.6|
| 6- 1| |si| 6| Tz | | -959.5| 11.2| 0.0| 959.7|
| 6- 1| |si| 9| Ty | | -780.0| 0.0| 48.2| 784.5|
-----
PROGR. 139.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 41631.2| 3883.1| 0.0| -35706.2| -5.1| -571.1|
| 6- 1| 41262.8| 1452.0| 0.0| -35417.2| 19.9| -591.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -966.3| 0.0| 0.0| 966.3|
| 6- 1| |si| 6| Tz | | -923.7| 14.5| 0.0| 924.1|
| 6- 1| |si| 9| Ty | | -780.2| 0.0| 63.7| 788.0|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 28867.6| 3837.5| 0.0| -35706.2| 9.7| -715.0|
| 6- 1| 28102.9| 1056.3| 0.0| -35418.7| 19.9| -734.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -922.5| 0.0| 0.0| 922.5|
| 6- 1| |si| 6| Tz | | -878.3| 17.8| 0.0| 878.8|
| 6- 1| |si| 9| Ty | | -780.4| 0.0| 79.3| 792.4|
-----
VERIFICA STABILITA` :
|L0 = 159. |
Z |Lc = 159. |Ro = 7.45|lm = 21.3|Ncr= 2067948.9|alfa(b)=0.3400|ki=0.9838|
Y |Lc = 159. |Ro = 4.51|lm = 35.2|Ncr= 760019.7|alfa(c)=0.4900|ki=0.8946|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -35418.7|Mzeq = 65338.6|Myeq = 3431.0|Ss = -1133.6 ( 0.433)
P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 817- 699) 1450
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 28867.6| 3837.5| 0.0| -35706.2| 9.7| 946.3|
| 6- 1| 28102.9| 1056.3| 0.0| -35418.7| 19.9| 952.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -922.5| 0.0| 0.0| 922.5|
| 6- 1| |si| 5| Tz | | -874.2| 22.9| 0.0| 875.1|
| 6- 1| |si| 9| Ty | | -780.4| 0.0| -102.8| 800.4|
-----
PROGR. 20.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46224.3| 3497.6| 0.0| -35706.2| 24.5| 802.4|
| 6- 1| 45590.7| 660.5| 0.0| -35420.1| 19.9| 809.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -978.2| 0.0| 0.0| 978.2|
| 5- 1| |si| 5| Tz | | -937.3| 19.6| 0.0| 937.9|
| 6- 1| |si| 9| Ty | | -780.5| 0.0| -87.3| 795.0|
-----
PROGR. 40.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 60724.7| 2863.3| 0.0| -35706.2| 39.4| 658.5|
| 6- 1| 60222.2| 264.8| 0.0| -35421.5| 19.9| 665.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -1021.3| 0.0| 0.0| 1021.3|
| 5- 1| |si| 5| Tz | | -987.8| 16.9| 0.0| 988.3|
| 6- 1| |si| 9| Ty | | -780.7| 0.0| -71.7| 790.5|
-----
PROGR. 60.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 72368.6| 1934.7| 0.0| -35706.2| 54.2| 514.6|
| 6- 1| 71997.2| -131.0| 0.0| -35423.0| 19.9| 521.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -1051.8| 0.0| 0.0| 1051.8|
| 5- 1| |si| 5| Tz | | -1029.2| 14.2| 0.0| 1029.5|
| 6- 1| |si| 9| Ty | | -780.8| 0.0| -56.2| 786.9|
-----
PROGR. 79.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 81156.2| 711.8| 0.0| -35706.2| 69.0| 370.7|
| 7- 1| 73373.0| 1593.8| 0.0| -32570.2| 99.9| 326.9|
| 6- 1| 80915.9| -526.7| 0.0| -35424.4| 19.9| 377.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | -1069.8| 0.0| 0.0| 1069.8|
| 7- 1| |si| 5| Tz | | -964.2| 11.8| 0.0| 964.4|
| 6- 1| |si| 9| Ty | | -781.0| 0.0| -40.7| 784.2|
-----
PROGR. 99.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 87087.4| -805.5| 0.0| -35706.2| 83.9| 226.9|
| 7- 1| 78572.6| -634.2| 0.0| -32570.2| 124.6| 197.0|
| 6- 1| 86978.2| -922.4| 0.0| -35425.8| 19.9| 233.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -1090.8| 0.0| 0.0| 1090.8|
| 7- 1| |si| 5| Tz | | -986.2| 9.8| 0.0| 986.3|
| 6- 1| |si| 9| Ty | | -781.2| 0.0| -25.2| 782.4|
-----
PROGR. 119.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	90162.2	-2617.1	0.0	-35706.2	98.7	83.0
7- 1|	81194.6|	-3352.7|	0.0|	-32570.2|	149.3|	67.2|
6- 1|	90184.2|	-1318.2|	0.0|	-35427.2|	19.9|	89.6|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1118.9|	0.0|	0.0|	1118.9|	
7- 1|si| 5|	Tz	-1000.4|	7.8|	0.0|	1000.5|	
6- 1|si| 9|	Ty	-781.3|	0.0|	-9.7|	781.5|	
----- PROGR. 139.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	90380.6|	-4723.1|	0.0|	-35706.2|	113.5|	-60.9|
7- 1|	81239.1|	-6561.8|	0.0|	-32570.2|	174.0|	-62.7|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1140.1|	0.0|	0.0|	1140.1|	
7- 1|si| 6|	Tz	-981.2|	8.8|	0.0|	981.3|	
7- 1|si| 9|	Ty	-720.1|	0.0|	6.8|	720.1|	
----- PROGR. 159.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	87742.7|	-7123.3|	0.0|	-35706.2|	128.3|	-204.8|
7- 1|	78706.1|	-10261.4|	0.0|	-32570.2|	198.7|	-192.5|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1154.5|	0.0|	0.0|	1154.5|	
7- 1|si| 6|	Tz	-965.4|	12.8|	0.0|	965.7|	
5- 1|si| 9|	Ty	-789.4|	0.0|	22.1|	790.3|	
----- PROGR. 159.						
VERIFICA STABILITA` :						
|L0 = 159.1						
Z	|Lc = 159.1	Ro = 7.45|	lm = 21.3|	Ncr= 2067948.9|	alfa(b)=0.3400|	ki=0.9838|
Y	|Lc = 159.1	Ro = 4.51|	lm = 35.2|	Ncr= 760019.7|	alfa(c)=0.4900|	ki=0.8946|
Caso 5- 1 - Nodo 1 - Asse Y						
Ned = -35706.2|Mzeq = 90380.6|Myeq = -5342.5|Ss = -1246.9 (0.476)						
P_HEA180_S017 (17) stato limite ultimo - ASTA (699- 819) 1453						
----- PROGR. 0.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	87760.9|	-7123.3|	0.0|	-44172.6|	-132.6|	270.6|
7- 1|	78721.8|	-10261.4|	0.0|	-39877.2|	-201.8|	248.4|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1341.2|	0.0|	0.0|	1341.2|	
7- 1|si| 6|	Tz	-1126.5|	-14.2|	0.0|	1126.8|	
5- 1|si| 9|	Ty	-976.0|	0.0|	-29.2|	977.3|	
----- PROGR. 20.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	91704.6|	-4638.2|	0.0|	-44172.6|	-117.8|	126.7|
7- 1|	82364.0|	-6501.7|	0.0|	-39877.2|	-177.0|	118.6|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1330.4|	0.0|	0.0|	1330.4|	
7- 1|si| 6|	Tz	-1146.2|	-10.2|	0.0|	1146.4|	
5- 1|si| 9|	Ty	-975.2|	0.0|	-13.7|	975.5|	
----- PROGR. 40.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	92792.0|	-2447.4|	0.0|	-44172.6|	-103.0|	-17.2|
7- 1|	83428.6|	-3232.5|	0.0|	-39877.2|	-152.3|	-11.3|
11-16|	26169.7|	957.1|	0.0|	-11832.4|	5.4|	-40.5|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1312.8|	0.0|	0.0|	1312.8|	
7- 1|si| 5|	Tz	-1168.8|	-6.7|	0.0|	1168.8|	
11-16|si| 9|	Ty	-260.5|	0.0|	4.4|	260.6|	
----- PROGR. 60.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	91023.0|	-551.0|	0.0|	-44172.6|	-88.1|	-161.1|
7- 1|	81915.7|	-453.9|	0.0|	-39877.2|	-127.6|	-141.1|
6- 1|	90885.7|	-593.2|	0.0|	-43522.3|	-25.5|	-168.1|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-1288.3|	0.0|	0.0|	1288.3|	
7- 1|si| 5|	Tz	-1158.2|	-8.6|	0.0|	1158.3|	
6- 1|si| 9|	Ty	-959.5|	0.0|	18.1|	960.0|	
----- PROGR. 79.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	86397.5|	1051.1|	0.0|	-44172.6|	-73.3|	-305.0|
7- 1|	77825.3|	1834.1|	0.0|	-39877.2|	-102.9|	-271.0|
6- 1|	86119.8|	-87.7|	0.0|	-43523.8|	-25.5|	-312.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 2|Sx	Si|	-1277.5|	0.0|	0.0|	1277.5|	
7- 1|si| 5|	Tz	-1139.9|	-10.6|	0.0|	1140.0|	
6- 1|si| 9|	Ty	-959.4|	0.0|	33.7|	961.2|	
----- PROGR. 99.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	78915.7|	2358.9|	0.0|	-44172.6|	-58.5|	-448.9|
6- 1	78497.5	417.8	0.0	-43525.2	-25.5	-455.9
TENSIONI (Sz= 0.00) :						
Caso	Ve No massimi	Sx	Tz	Ty	Si	

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5- 1 si 2 Sx	Si	-1264.8	0.0	0.0	1264.8			
5- 1 si 5 Tz		-1237.2	-12.8	0.0	1237.4			
6- 1 si 9 Ty		-959.3	0.0	49.2	963.0			
-----							PROGR.	119.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	68577.5|	3372.3|	0.0|	-44172.6|	-43.6|	-592.8|		
| 6- 1|	68018.8|	923.3|	0.0|	-43526.6|	-25.5|	-599.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1239.5|	0.0|	0.0|	1239.5|			
| 5- 1|si| 5| Tz		-1200.1|	-15.5|	0.0|	1200.4|			
| 6- 1|si| 9| Ty		-959.1|	0.0|	64.7|	965.7|			
-----							PROGR.	139.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	55383.0|	4091.4|	0.0|	-44172.6|	-28.8|	-736.7|		
| 6- 1|	54683.7|	1428.8|	0.0|	-43528.1|	-25.5|	-743.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1201.7|	0.0|	0.0|	1201.7|			
| 6- 1|si| 5| Tz		-1142.5|	-18.3|	0.0|	1142.9|			
| 6- 1|si| 9| Ty		-959.0|	0.0|	80.2|	969.0|			
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	39332.0|	4516.2|	0.0|	-44172.6|	-14.0|	-880.6|		
| 6- 1|	38492.2|	1934.3|	0.0|	-43529.5|	-25.5|	-887.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1151.3|	0.0|	0.0|	1151.3|			
| 6- 1|si| 5| Tz		-1086.5|	-21.6|	0.0|	1087.2|			
| 6- 1|si| 9| Ty		-958.9|	0.0|	95.7|	973.1|			

VERIFICA STABILITA' :								
|L0 = 159. |								
Z |Lc = 159. |Ro = 7.45|lm = 21.3|Ncr= 2067948.9|alfa(b)=0.3400|ki=0.9838|								
Y Lc = 159. Ro = 4.51 lm = 35.2 Ncr= 760019.7 alfa(c)=0.4900 ki=0.8946								
Caso 5- 1 - Nodo 1 - Asse Y								
Ned = -44172.6 Mzeq = 92792.0 Myeq = -5342.5 Ss = -1465.8 (0.560)								

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-----							PROGR.	0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	39332.0	4516.2	0.0	-44172.6	-14.0	793.1		
| 6- 1|	38492.2|	1934.3|	0.0|	-43529.5|	-25.5|	788.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1151.3|	0.0|	0.0|	1151.3|			
| 6- 1|si| 6| Tz		-1094.1|	-19.3|	0.0|	1094.6|			
| 5- 1|si| 9| Ty		-972.2|	0.0|	-85.6|	983.4|			
-----							PROGR.	20.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	53647.8|	4646.6|	0.0|	-44172.6|	0.8|	649.2|		
| 6- 1|	52708.2|	2439.8|	0.0|	-43530.9|	-25.5|	644.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1201.2|	0.0|	0.0|	1201.2|			
| 6- 1|si| 6| Tz		-1143.4|	-16.0|	0.0|	1143.7|			
| 5- 1|si| 9| Ty		-972.2|	0.0|	-70.0|	979.7|			
-----							PROGR.	40.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	65107.1|	4482.7|	0.0|	-44172.6|	15.7|	505.3|		
| 6- 1|	64067.9|	2945.3|	0.0|	-43532.4|	-25.5|	500.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1238.5|	0.0|	0.0|	1238.5|			
| 6- 1|si| 6| Tz		-1183.0|	-12.6|	0.0|	1183.2|			
| 5- 1|si| 9| Ty		-972.2|	0.0|	-54.5|	976.8|			
-----							PROGR.	60.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	73710.1|	4024.5|	0.0|	-44172.6|	30.5|	361.4|		
| 7- 1|	66424.6|	4114.7|	0.0|	-39877.2|	70.1|	321.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1263.3|	0.0|	0.0|	1263.3|			
| 7- 1|si| 5| Tz		-1096.7|	10.4|	0.0|	1096.8|			
| 5- 1|si| 9| Ty		-972.4|	0.0|	-39.0|	974.7|			
-----							PROGR.	79.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	79456.7|	3271.9|	0.0|	-44172.6|	45.3|	217.6|		
| 7- 1|	71515.1|	2478.2|	0.0|	-39877.2|	94.8|	191.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1275.5|	0.0|	0.0|	1275.5|			
| 7- 1|si| 5| Tz		-1117.2|	8.4|	0.0|	1117.3|			
| 5- 1|si| 9| Ty		-972.6|	0.0|	-23.5|	973.5|			
-----							PROGR.	99.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	81008.5|	4461.8|	0.0|	-43536.6|	-25.5|	68.6|		
| 7- 1|	74028.0|	351.2|	0.0|	-39877.2|	119.5|	61.7|		
12-16	28288.4	651.7	0.0	-13156.0	-7.3	91.7		

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1278.4 | 0.0 | 0.0 | 1278.4 |
| 7- 1|si| 5| Tz | | -1129.9 | 6.4 | 0.0 | 1129.9 |
| 12-16|si| 9| Ty | | -289.8 | 0.0 | -9.9 | 290.3 |
-----
PROGR. 119.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 80942.6 | 4967.3 | 0.0 | -43538.1 | -25.5 | -75.3 |
| 7- 2| 15625.1 | 7662.3 | 0.0 | -9104.4 | -171.9 | -24.4 |
| 8- 1| 71566.5 | 4539.5 | 0.0 | -38819.6 | -23.2 | -76.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1283.1 | 0.0 | 0.0 | 1283.1 |
| 7- 2|si| 5| Tz | | -238.9 | -7.8 | 0.0 | 239.2 |
| 8- 1|si| 9| Ty | | -854.2 | 0.0 | 8.3 | 854.3 |
-----
PROGR. 139.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 78020.3 | 5472.8 | 0.0 | -43539.5 | -25.5 | -219.2 |
| 7- 1| 71321.1 | -5374.4 | 0.0 | -39877.2 | 168.9 | -198.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1278.1 | 0.0 | 0.0 | 1278.1 |
| 7- 1|si| 6| Tz | | -1110.9 | 11.7 | 0.0 | 1111.1 |
| 6- 1|si| 9| Ty | | -957.9 | 0.0 | 23.6 | 958.8 |
-----
PROGR. 159.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 72241.7 | 5978.3 | 0.0 | -43540.9 | -25.5 | -363.1 |
| 7- 1| 66101.4 | -8973.1 | 0.0 | -39877.2 | 193.6 | -327.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -1263.4 | 0.0 | 0.0 | 1263.4 |
| 7- 1|si| 6| Tz | | -1086.1 | 15.7 | 0.0 | 1086.5 |
| 6- 1|si| 9| Ty | | -957.8 | 0.0 | 39.2 | 960.2 |
-----

VERIFICA STABILITA` :

|L0 = 159. |
Z |Lc = 159. |Ro = 7.45 |lm = 21.3 |Ncr= 2067948.9 |alfa(b)=0.3400 |ki=0.9838 |
Y |Lc = 159. |Ro = 4.51 |lm = 35.2 |Ncr= 760019.7 |alfa(c)=0.4900 |ki=0.8946 |
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -44172.6 |Mzeq = 82380.7 |Myeq = 3485.0 |Ss = -1410.5 ( 0.539)

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-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 73881.8 | -2681.7 | 0.0 | -14668.4 | -126.9 | 129.8 |
| 7- 1| 66105.8 | -8973.1 | 0.0 | -13037.7 | -225.7 | 119.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -600.5 | 0.0 | 0.0 | 600.5 |
| 7- 1|si| 6| Tz | | -494.6 | -12.3 | 0.0 | 495.0 |
| 5- 1|si| 9| Ty | | -324.2 | 0.0 | -14.0 | 325.1 |
-----
PROGR. 20.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 73336.8 | 5604.7 | 0.0 | -13208.5 | 18.8 | -16.6 |
| 7- 2| 13563.7 | 10832.6 | 0.0 | -1080.1 | 221.5 | -12.5 |
| 12-16| 30508.1 | 931.9 | 0.0 | -10095.0 | 7.9 | -40.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -594.9 | 0.0 | 0.0 | 594.9 |
| 7- 2|si| 6| Tz | | -91.0 | 9.6 | 0.0 | 92.5 |
| 12-16|si| 9| Ty | | -222.2 | 0.0 | 4.4 | 222.3 |
-----
PROGR. 40.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 73330.7 | 1763.8 | 0.0 | -14668.4 | -97.3 | -157.6 |
| 7- 1| 65700.8 | -1000.9 | 0.0 | -13037.7 | -176.4 | -139.9 |
| 6- 1| 71583.9 | 5231.0 | 0.0 | -13209.9 | 18.8 | -160.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -589.7 | 0.0 | 0.0 | 589.7 |
| 7- 1|si| 5| Tz | | -512.6 | -10.6 | 0.0 | 512.9 |
| 6- 1|si| 9| Ty | | -289.5 | 0.0 | 17.3 | 291.0 |
-----
PROGR. 59.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 68781.3 | 3546.2 | 0.0 | -14668.4 | -82.5 | -301.3 |
| 7- 1| 61641.7 | 2251.2 | 0.0 | -13037.7 | -151.7 | -269.6 |
| 6- 1| 66981.7 | 4857.4 | 0.0 | -13211.3 | 18.8 | -304.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -591.6 | 0.0 | 0.0 | 591.6 |
| 7- 1|si| 5| Tz | | -492.5 | -12.6 | 0.0 | 493.0 |
| 6- 1|si| 9| Ty | | -289.6 | 0.0 | 32.8 | 295.1 |
-----
PROGR. 79.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 61382.7 | 5035.0 | 0.0 | -14668.4 | -67.7 | -445.1 |
| 7- 1| 55011.6 | 5013.9 | 0.0 | -13037.7 | -127.0 | -399.3 |
| 6- 1| 59530.4 | 4483.7 | 0.0 | -13212.7 | 18.8 | -447.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -580.9 | 0.0 | 0.0 | 580.9 |
| 7- 1|si| 5| Tz | | -464.6 | -14.6 | 0.0 | 465.2 |

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Copertura area carburante - Relazione di calcolo

6- 1 si 9	Ty	-289.8	0.0	48.3	301.6			
-----								99.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	51135.0|	6230.2|	0.0|	-14668.4|	-52.9|	-588.8|		
| 7- 1|	45810.4|	7287.4|	0.0|	-13037.7|	-102.3|	-529.0|		
| 6- 1|	49229.8|	4110.1|	0.0|	-13214.2|	18.8|	-591.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-557.7|	0.0|	0.0|	557.7|			
| 7- 1|si| 5|	Tz	-428.9|	-16.5|	0.0|	429.8|			
| 6- 1|si| 9|	Ty	-289.9|	0.0|	63.8|	310.3|			
-----								119.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	38038.1|	7131.8|	0.0|	-14668.4|	-38.1|	-732.5|		
| 6- 1|	36080.1|	3736.4|	0.0|	-13215.6|	18.8|	-735.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-522.0|	0.0|	0.0|	522.0|			
| 5- 1|si| 5|	Tz	-438.7|	-18.5|	0.0|	439.9|			
| 6- 1|si| 9|	Ty	-290.1|	0.0|	79.3|	321.0|			
-----								139.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	22091.9|	7739.8|	0.0|	-14668.4|	-23.3|	-876.2|		
| 6- 1|	20081.2|	3362.8|	0.0|	-13217.0|	18.8|	-878.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-473.7|	0.0|	0.0|	473.7|			
| 5- 1|si| 5|	Tz	-383.3|	-21.2|	0.0|	385.1|			
| 6- 1|si| 9|	Ty	-290.2|	0.0|	94.8|	333.5|			
-----								159.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	3296.6|	8054.2|	0.0|	-14668.4|	-8.5|	-1019.9|		
| 6- 1|	1233.1|	2989.2|	0.0|	-13218.5|	18.8|	-1022.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-412.9|	0.0|	0.0|	412.9|			
| 6- 1|si| 6|	Tz	-301.4|	24.4|	0.0|	304.3|			
| 6- 1|si| 9|	Ty	-290.4|	0.0|	110.3|	347.6|			

VERIFICA STABILITA` :								
|L0 = 159. |								
Z |Lc = 159. |Ro = 7.45|lm = 21.3|Ncr= 2073167.7|alfa(b)=0.3400|ki=0.9839|								
Y |Lc = 159. |Ro = 4.51|lm = 35.1|Ncr= 761937.7|alfa(c)=0.4900|ki=0.8949|								
Caso 5- 1 - Nodo 2 - Asse Y								
Ned = -14668.4|Mzeq = 69920.4|Myeq = 6040.6|Ss = -660.6 (0.252)								

P_HEA180_S017 (17) stato limite ultimo - ASTA (821- 382) 1458								
-----								0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	3296.6|	8054.2|	0.0|	-14668.4|	-8.5|	554.1|		
| 6- 1|	1233.1|	2989.2|	0.0|	-13218.5|	18.8|	567.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-412.9|	0.0|	0.0|	412.9|			
| 6- 1|si| 5|	Tz	-289.7|	13.9|	0.0|	290.7|			
| 6- 1|si| 9|	Ty	-290.4|	0.0|	-61.2|	309.1|			
-----								20.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	12856.7|	8075.0|	0.0|	-14668.4|	6.4|	410.4|		
| 6- 1|	11051.1|	2615.5|	0.0|	-13219.9|	18.8|	423.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-445.6|	0.0|	0.0|	445.6|			
| 6- 1|si| 5|	Tz	-323.9|	10.6|	0.0|	324.4|			
| 6- 1|si| 9|	Ty	-290.5|	0.0|	-45.7|	301.1|			
-----								40.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	19567.6|	7802.2|	0.0|	-14668.4|	21.2|	266.6|		
| 6- 1|	18020.0|	2241.9|	0.0|	-13221.3|	18.8|	279.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-465.8|	0.0|	0.0|	465.8|			
| 6- 1|si| 5|	Tz	-348.3|	7.3|	0.0|	348.5|			
| 6- 1|si| 9|	Ty	-290.7|	0.0|	-30.2|	295.4|			
-----								59.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	23429.3|	7235.8|	0.0|	-14668.4|	36.0|	122.9|		
| 7- 1|	21020.7|	10652.3|	0.0|	-13037.7|	45.8|	112.2|		
| 6- 1|	22139.6|	1868.2|	0.0|	-13222.7|	18.8|	135.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-473.4|	0.0|	0.0|	473.4|			
| 7- 1|si| 5|	Tz	-338.1|	4.5|	0.0|	338.2|			
| 6- 1|si| 9|	Ty	-290.9|	0.0|	-14.7|	292.0|			
-----								79.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	24441.8|	6375.8|	0.0|	-14668.4|	50.8|	-20.8|		
| 7- 1|	21958.7|	9500.5|	0.0|	-13037.7|	70.4|	-17.5|		
12-10	10358.6	-6.8	0.0	-10700.8	-0.1	-69.8		

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -468.4| 0.0| 0.0| 468.4|
| 7- 1|si| 6| Tz | | -380.5| 3.4| 0.0| 380.5|
| 12-10|si| 9| Ty | | -235.9| 0.0| 7.5| 236.2|
-----
PROGR. 99.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22605.2| 5222.3| 0.0| -14668.4| 65.6| -164.5|
| 7- 1| 20325.6| 7859.3| 0.0| -13037.7| 95.1| -147.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -451.0| 0.0| 0.0| 451.0|
| 7- 1|si| 6| Tz | | -371.7| 7.4| 0.0| 372.0|
| 5- 1|si| 9| Ty | | -321.6| 0.0| 17.7| 323.1|
-----
PROGR. 119.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17919.3| 3775.1| 0.0| -14668.4| 80.4| -308.2|
| 7- 1| 16121.5| 5728.9| 0.0| -13037.7| 119.8| -276.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -421.0| 0.0| 0.0| 421.0|
| 7- 1|si| 6| Tz | | -353.3| 11.4| 0.0| 353.9|
| 5- 1|si| 9| Ty | | -322.1| 0.0| 33.2| 327.2|
-----
PROGR. 139.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 10384.2| 2034.3| 0.0| -14668.4| 95.2| -451.9|
| 7- 1| 9346.3| 3109.1| 0.0| -13037.7| 144.5| -406.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -378.4| 0.0| 0.0| 378.4|
| 7- 1|si| 6| Tz | | -325.2| 15.5| 0.0| 326.3|
| 5- 1|si| 9| Ty | | -322.7| 0.0| 48.7| 333.5|
-----
PROGR. 159.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -14668.4| 110.0| -595.7|
| 7- 1| 0.0| 0.0| 0.0| -13037.7| 169.2| -536.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | | -323.3| 0.0| 0.0| 323.3|
| 7- 1|si| 6| Tz | | -287.4| 19.5| 0.0| 289.4|
| 5- 1|si| 9| TySi | | -323.3| 0.0| 64.2| 341.9|
-----
VERIFICA STABILITA` :
|L0 = 159.1
Z |Lc = 159.1|Ro = 7.45|lm = 21.3|Ncr= 2073167.7|alfa(b)=0.3400|ki=0.9839|
Y |Lc = 159.1|Ro = 4.51|lm = 35.1|Ncr= 761937.7|alfa(c)=0.4900|ki=0.8949|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -14668.4|Mzeq = 21897.2|Myeq = 7270.8|Ss = -508.4 ( 0.194)

P_HEA160_S018 ( 18) stato limite ultimo - ASTA ( 307- 786) 1387
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-10| 0.0| 0.0| 0.0| -13005.2| 0.7| -10.4|
| 7- 1| 0.0| 0.0| 0.0| -10669.2| -113.4| 81.8|
| 6- 1| 0.0| 0.0| 0.0| -8338.2| 14.6| 101.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-10|si| 1|Sx | | -334.4| 0.0| 0.0| 334.4|
| 7- 1|si| 6| Tz | | -274.4| -7.8| 0.0| 274.7|
| 6- 1|si| 9| Ty | | -214.4| 0.0| -12.4| 215.5|
| 12-10|si| 9| Si | | -334.4| 0.0| 1.3| 334.4|
-----
PROGR. 18.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-10| -228.7| -12.8| 0.0| -13005.2| 0.7| -15.7|
| 7- 1| 1370.3| 1811.4| 0.0| -10669.2| -93.7| 74.8|
| 6- 1| 1719.1| -256.2| 0.0| -8338.2| 14.6| 94.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-10|si| 4|Sx | Si | -335.6| 0.0| 0.0| 335.6|
| 7- 1|si| 6| Tz | | -285.9| -6.6| 0.0| 286.1|
| 6- 1|si| 9| Ty | | -214.5| 0.0| -11.6| 215.5|
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-10| -550.6| -25.7| 0.0| -13005.2| 0.7| -21.1|
| 7- 1| 2619.4| 3278.2| 0.0| -10669.2| -74.0| 67.9|
| 6- 1| 3316.9| -512.4| 0.0| -8338.2| 14.6| 87.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12-10|si| 4|Sx | Si | -337.3| 0.0| 0.0| 337.3|
| 7- 1|si| 6| Tz | | -295.8| -5.4| 0.0| 296.0|
| 6- 1|si| 9| Ty | | -214.7| 0.0| -10.7| 215.5|
-----
PROGR. 52.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 3747.2| 4400.5| 0.0| -10669.2| -54.3| 61.0|
| 6- 1| 4793.5| -768.6| 0.0| -8338.2| 14.6| 80.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | Si | -348.5| 0.0| 0.0| 348.5|
| 7- 1|si| 6| Tz | | -304.2| -4.3| 0.0| 304.3|
| 6- 1|si| 9| Ty | | -214.8| 0.0| -9.9| 215.5|

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Copertura area carburante - Relazione di calcolo

-----										PROGR.	70.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 7- 1 |	4753.8 |	5178.3 |	0.0 |	-10669.2 |	-34.6 |	54.1 |					
| 6- 1 |	6148.8 |	-1024.8 |	0.0 |	-8338.2 |	14.6 |	74.0 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si	2 |	Sx	Si	-363.2 |	0.0 |	0.0 |	363.2 |			
| 7- 1 |	si	6 |	Tz		-311.0 |	-3.1 |	0.0 |	311.1 |			
| 6- 1 |	si	9 |	Ty		-214.9 |	0.0 |	-9.0 |	215.5 |			
-----										PROGR.	88.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 7- 1 |	5639.1 |	5611.6 |	0.0 |	-10669.2 |	-14.9 |	47.1 |					
| 6- 1 |	7382.8 |	-1281.0 |	0.0 |	-8338.2 |	14.6 |	67.1 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si	2 |	Sx	Si	-372.8 |	0.0 |	0.0 |	372.8 |			
| 6- 1 |	si	5 |	Tz		-251.6 |	2.5 |	0.0 |	251.7 |			
| 6- 1 |	si	9 |	Ty		-215.0 |	0.0 |	-8.2 |	215.5 |			
-----										PROGR.	105.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 7- 1 |	6403.1 |	5700.3 |	0.0 |	-10669.2 |	4.8 |	40.2 |					
| 6- 1 |	8495.6 |	-1537.1 |	0.0 |	-8338.2 |	14.6 |	60.1 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si	2 |	Sx	Si	-377.4 |	0.0 |	0.0 |	377.4 |			
| 6- 1 |	si	5 |	Tz		-257.4 |	2.3 |	0.0 |	257.4 |			
| 6- 1 |	si	9 |	Ty		-215.2 |	0.0 |	-7.3 |	215.5 |			
-----										PROGR.	122.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 7- 1 |	7045.9 |	5444.5 |	0.0 |	-10669.2 |	24.5 |	33.3 |					
| 5- 1 |	8090.0 |	2466.8 |	0.0 |	-10937.4 |	21.2 |	41.8 |					
| 6- 1 |	9487.1 |	-1793.3 |	0.0 |	-8338.2 |	14.6 |	53.2 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si	2 |	Sx	Si	-377.0 |	0.0 |	0.0 |	377.0 |			
| 5- 1 |	si	5 |	Tz		-310.7 |	2.2 |	0.0 |	310.7 |			
| 6- 1 |	si	9 |	Ty		-215.3 |	0.0 |	-6.5 |	215.6 |			
-----										PROGR.	140.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 7- 1 |	7567.4 |	4844.2 |	0.0 |	-10669.2 |	44.1 |	26.3 |					
| 12- 9 |	-4495.6 |	-422.9 |	0.0 |	-12750.8 |	3.0 |	-53.4 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 7- 1 |	si	2 |	Sx	Si	-371.6 |	0.0 |	0.0 |	371.6 |			
| 7- 1 |	si	5 |	Tz		-294.5 |	2.9 |	0.0 |	294.5 |			
| 12- 9 |	si	9 |	Ty		-328.1 |	0.0 |	6.5 |	328.3 |			

VERIFICA STABILITA` :											
|L0 = 140. |											
Z |Lc = 140. |Ro = 6.57 |lm = 21.3 |Ncr= 1773757.6 |alfa(b)=0.3400 |ki=0.9838 |											
Y |Lc = 140. |Ro = 3.98 |lm = 35.2 |Ncr= 651055.7 |alfa(c)=0.4900 |ki=0.8945 |											
Caso 7- 1 - Nodo 2 - Asse Y											
Ned = -10669.2 |Mzeq = 5759.5 |Myeq = 5537.5 |Ss = -406.1 (0.155)											
P_HEA160_S018 (18) stato limite ultimo - ASTA (786- 516) 1388											
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	10357.4 |	-2049.5 |	0.0 |	28112.7 |	14.6 |	311.3 |					
| 5- 1 |	8760.7 |	1992.3 |	0.0 |	26388.6 |	33.0 |	309.0 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	3 |	Sx	Si	796.5 |	0.0 |	0.0 |	796.5 |			
| 5- 1 |	si	5 |	Tz		644.7 |	9.8 |	0.0 |	644.9 |			
| 6- 1 |	si	9 |	Ty		721.9 |	0.0 |	-38.0 |	724.9 |			
-----										PROGR.	18.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	15744.2 |	-2305.7 |	0.0 |	28112.7 |	14.6 |	304.4 |					
| 7- 1 |	12392.5 |	3899.3 |	0.0 |	23291.1 |	63.8 |	272.3 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	3 |	Sx	Si	824.2 |	0.0 |	0.0 |	824.2 |			
| 7- 1 |	si	5 |	Tz		554.2 |	10.3 |	0.0 |	554.5 |			
| 6- 1 |	si	9 |	Ty		721.8 |	0.0 |	-37.2 |	724.7 |			
-----										PROGR.	35.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	21009.7 |	-2561.9 |	0.0 |	28112.7 |	14.6 |	297.4 |					
| 7- 1 |	17096.3 |	2609.9 |	0.0 |	23291.1 |	83.5 |	265.3 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	3 |	Sx	Si	851.4 |	0.0 |	0.0 |	851.4 |			
| 7- 1 |	si	5 |	Tz		529.1 |	11.1 |	0.0 |	529.5 |			
| 6- 1 |	si	9 |	Ty		721.7 |	0.0 |	-36.3 |	724.4 |			
-----										PROGR.	52.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1 |	26154.0 |	-2818.1 |	0.0 |	28112.7 |	14.6 |	290.5 |					
| 7- 1 |	21678.9 |	976.0 |	0.0 |	23291.1 |	103.2 |	258.4 |					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si				
| 6- 1 |	si	3 |	Sx	Si	878.0 |	0.0 |	0.0 |	878.0 |			

Copertura area carburante - Relazione di calcolo

| 7- 1|si| 5|	Tz	|	503.6|	11.9|	0.0|	504.0|		
| 6- 1|si| 9|	Ty	|	721.6|	0.0|	-35.5|	724.2|		

SOLLECITAZIONI :								70.
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	31177.0|		-3074.3|		0.0|		28112.7|	14.6|
| 7- 1|	26140.3|		-1002.5|		0.0|		23291.1|	122.9|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	Si	|	904.1|		0.0|		0.0|	904.1|
| 7- 1|si| 5|	Tz	|	477.6|		12.7|		0.0|	478.1|
| 6- 1|si| 9|	Ty	|	721.4|		0.0|		-34.6|	723.9|

SOLLECITAZIONI :								88.
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	36078.7|		-3330.5|		0.0|		28112.7|	14.6|
| 7- 1|	30480.3|		-3325.5|		0.0|		23291.1|	142.6|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	Si	|	929.7|		0.0|		0.0|	929.7|
| 7- 1|si| 5|	Tz	|	451.1|		13.5|		0.0|	451.7|
| 6- 1|si| 9|	Ty	|	721.3|		0.0|		-33.8|	723.7|

SOLLECITAZIONI :								105.
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	40859.2|		-3586.7|		0.0|		28112.7|	14.6|
| 7- 1|	34699.1|		-5993.0|		0.0|		23291.1|	162.3|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	Si	|	954.7|		0.0|		0.0|	954.7|
| 7- 1|si| 5|	Tz	|	424.2|		14.3|		0.0|	424.9|
| 6- 1|si| 9|	Ty	|	721.2|		0.0|		-32.9|	723.4|

SOLLECITAZIONI :								122.
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	45518.4|		-3842.9|		0.0|		28112.7|	14.6|
| 7- 1|	38796.7|		-9005.1|		0.0|		23291.1|	182.0|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	Si	|	979.1|		0.0|		0.0|	979.1|
| 7- 1|si| 5|	Tz	|	396.8|		15.1|		0.0|	397.7|
| 6- 1|si| 9|	Ty	|	721.1|		0.0|		-32.1|	723.2|

SOLLECITAZIONI :								140.
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	48141.3|		-9245.4|		0.0|		26388.6|	127.5|
| 7- 1|	42772.9|		-12361.7|		0.0|		23291.1|	201.6|
| 6- 1|	50056.4|		-4099.1|		0.0|		28112.7|	14.6|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	1016.9|		0.0|		0.0|	1016.9|
| 7- 1|si| 5|	Tz	|	369.0|		15.9|		0.0|	370.0|
| 6- 1|si| 9|	Ty	|	720.9|		0.0|		-31.3|	723.0|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEA160_S018 (18) stato limite ultimo - ASTA (516- 788) 1391								
-----								0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	48141.3|		-9245.4|		0.0|		24370.0|	-115.0|
| 7- 1|	42772.9|		-12361.7|		0.0|		21447.9|	-179.7|
| 6- 1|	50056.4|		-4099.1|		0.0|		26022.0|	-16.1|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	964.9|		0.0|		0.0|	964.9|
| 7- 1|si| 5|	Tz	|	321.6|		-12.5|		0.0|	322.3|
| 6- 1|si| 9|	Ty	|	667.2|		0.0|		20.7|	668.1|

SOLLECITAZIONI :								18.
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	47026.4|		-3817.2|		0.0|		26022.0|	-16.1|
| 7- 1|	40340.3|		-9388.8|		0.0|		21447.9|	-160.0|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	Si	|	931.8|		0.0|		0.0|	931.8|
| 7- 1|si| 5|	Tz	|	341.3|		-11.7|		0.0|	341.9|
| 6- 1|si| 9|	Ty	|	667.3|		0.0|		21.6|	668.4|

SOLLECITAZIONI :								35.
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	43875.1|		-3535.3|		0.0|		26022.0|	-16.1|
| 7- 1|	37786.4|		-6760.4|		0.0|		21447.9|	-140.3|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	Si	|	913.9|		0.0|		0.0|	913.9|
| 7- 1|si| 5|	Tz	|	360.6|		-10.9|		0.0|	361.1|
| 6- 1|si| 9|	Ty	|	667.4|		0.0|		22.4|	668.6|

SOLLECITAZIONI :								52.
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	40602.5|		-3253.4|		0.0|		26022.0|	-16.1|
| 7- 1|	35111.2|		-4476.5|		0.0|		21447.9|	-120.7|
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 3|Sx	Si	|	895.4|		0.0|		0.0|	895.4|
| 7- 1|si| 5|	Tz	|	379.4|		-10.1|		0.0|	379.8|
| 6- 1|si| 9|	Ty	|	667.6|		0.0|		23.3|	668.8|

SOLLECITAZIONI :								70.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	37208.7	-2971.5	0.0	26022.0	-16.1	-197.4
7- 1	32314.7	-2537.2	0.0	21447.9	-101.0	-163.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	876.4	0.0	0.0	876.4
7- 1	si	5	Tz	Ty	397.7	-9.3	0.0	398.0
6- 1	si	9	Ty	667.7	0.0	24.1	669.0	

----- PROGR. 88.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	33693.6	-2689.7	0.0	26022.0	-16.1	-204.3
7- 1	29397.0	-942.4	0.0	21447.9	-81.3	-170.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	856.8	0.0	0.0	856.8
7- 1	si	5	Tz	Ty	415.6	-8.5	0.0	415.9
6- 1	si	9	Ty	667.9	0.0	25.0	669.3	

----- PROGR. 105.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	30057.3	-2407.8	0.0	26022.0	-16.1	-211.3
7- 1	26358.1	307.9	0.0	21447.9	-61.6	-177.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	836.6	0.0	0.0	836.6
7- 1	si	5	Tz	Ty	433.0	-7.7	0.0	433.2
6- 1	si	9	Ty	668.0	0.0	25.8	669.5	

----- PROGR. 122.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	26299.7	-2125.9	0.0	26022.0	-16.1	-218.2
5- 1	25622.3	-220.3	0.0	24370.0	-32.3	-208.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	816.0	0.0	0.0	816.0
5- 1	si	5	Tz	Ty	509.9	-7.1	0.0	510.1
6- 1	si	9	Ty	668.1	0.0	26.7	669.7	

----- PROGR. 140.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 22420.8 | -1844.0 | 0.0 | 26022.0 | -16.1 | -225.1 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	794.7	0.0	0.0	794.7
6- 1	si	5	Tz	Ty	562.2	-6.7	0.0	562.3
6- 1	si	9	Ty	668.3	0.0	27.5	670.0	

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18) stato limite ultimo - ASTA (788- 518) 1392
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	22420.8	-1844.0	0.0	32317.5	-16.1	258.5
5- 1	21920.2	242.1	0.0	31611.7	-20.5	256.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	956.6	0.0	0.0	956.6
5- 1	si	6	Tz	Ty	712.9	-7.8	0.0	713.0
6- 1	si	9	Ty	830.2	0.0	-31.6	832.0	

----- PROGR. 18.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 26883.8 | -1562.1 | 0.0 | 32317.5 | -16.1 | 251.6 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	973.2	0.0	0.0	973.2
6- 1	si	6	Tz	Ty	713.8	-7.4	0.0	713.9
6- 1	si	9	Ty	830.3	0.0	-30.7	832.0	

----- PROGR. 35.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 31225.6 | -1280.2 | 0.0 | 32317.5 | -16.1 | 244.6 |

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	989.2	0.0	0.0	989.2
6- 1	si	6	Tz	Ty	693.3	-7.3	0.0	693.4
6- 1	si	9	Ty	830.4	0.0	-29.9	832.0	

----- PROGR. 52.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	35446.1	-998.4	0.0	32317.5	-16.1	237.7
7- 1	31483.9	1391.2	0.0	28203.4	36.8	209.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1004.6	0.0	0.0	1004.6
7- 1	si	5	Tz	Ty	586.7	7.4	0.0	586.8
6- 1	si	9	Ty	830.6	0.0	-29.0	832.1	

----- PROGR. 70.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	39545.4	-716.5	0.0	32317.5	-16.1	230.8
7- 1	35097.2	574.3	0.0	28203.4	56.5	203.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	1019.5	0.0	0.0	1019.5
7- 1	si	5	Tz	Ty	567.9	8.2	0.0	568.1

Copertura area carburante - Relazione di calcolo

-----								PROGR.	88.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	30783.6|	-1063.7|	0.0|	31139.8|	16.9|	-291.0|			
| 7- 1|	27735.2|	1486.0|	0.0|	27317.9|	-37.9|	-252.8|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx Si|	954.1|	0.0|	0.0|	954.1|					
| 7- 1|si| 5| Tz	581.2|	-8.6|	0.0|	581.4|					
| 6- 1|si| 9| Ty	800.3|	0.0|	35.5|	802.6|					
-----								PROGR.	105.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	25630.6|	-1358.7|	0.0|	31139.8|	16.9|	-297.9|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx Si|	934.6|	0.0|	0.0|	934.6|					
| 6- 1|si| 6| Tz	688.6|	8.7|	0.0|	688.8|					
| 6- 1|si| 9| Ty	800.1|	0.0|	36.4|	802.6|					
-----								PROGR.	122.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	20356.3|	-1653.7|	0.0|	31139.8|	16.9|	-304.9|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx Si|	914.5|	0.0|	0.0|	914.5|					
| 6- 1|si| 6| Tz	713.4|	8.9|	0.0|	713.5|					
| 6- 1|si| 9| Ty	800.0|	0.0|	37.2|	802.6|					
-----								PROGR.	140.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	14960.8|	-1948.6|	0.0|	31139.8|	16.9|	-311.8|			
| 5- 1|	15092.9|	274.3|	0.0|	30562.2|	20.3|	-305.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx Si|	893.9|	0.0|	0.0|	893.9|					
| 5- 1|si| 6| Tz	716.7|	9.1|	0.0|	716.9|					
| 6- 1|si| 9| Ty	799.8|	0.0|	38.1|	802.5|					

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
P_HEA160_S018 (18) stato limite ultimo - ASTA (790- 520) 1396									
-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	14960.8|	-1948.6|	0.0|	7732.2|	16.9|	132.8|			
| 5- 1|	15092.9|	274.3|	0.0|	8124.9|	20.3|	135.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx Si|	291.9|	0.0|	0.0|	291.9|					
| 5- 1|si| 5| Tz	141.4|	4.6|	0.0|	141.6|					
| 5- 1|si| 9| Ty	209.1|	0.0|	-16.5|	211.0|					
-----								PROGR.	18.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	17223.7|	-2243.6|	0.0|	7732.2|	16.9|	125.8|			
| 7- 1|	15973.2|	1384.3|	0.0|	7155.4|	40.8|	113.9|			
| 5- 1|	17394.2|	-184.1|	0.0|	8124.9|	32.1|	128.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx Si|	306.0|	0.0|	0.0|	306.0|					
| 7- 1|si| 5| Tz	115.7|	5.0|	0.0|	116.0|					
| 5- 1|si| 9| Ty	208.8|	0.0|	-15.6|	210.6|					
-----								PROGR.	35.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	19365.4|	-2538.5|	0.0|	7732.2|	16.9|	118.9|			
| 7- 1|	17906.6|	497.5|	0.0|	7155.4|	60.5|	107.0|			
| 5- 1|	19574.1|	-849.2|	0.0|	8124.9|	43.9|	121.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx Si|	319.6|	0.0|	0.0|	319.6|					
| 7- 1|si| 5| Tz	104.3|	5.8|	0.0|	104.8|					
| 5- 1|si| 9| Ty	208.5|	0.0|	-14.8|	210.1|					
-----								PROGR.	52.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	21385.7|	-2833.5|	0.0|	7732.2|	16.9|	112.0|			
| 7- 1|	19718.8|	-733.8|	0.0|	7155.4|	80.2|	100.1|			
| 5- 1|	21632.8|	-1721.1|	0.0|	8124.9|	55.7|	114.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 3|Sx Si|	332.6|	0.0|	0.0|	332.6|					
| 7- 1|si| 5| Tz	92.5|	6.6|	0.0|	93.2|					
| 5- 1|si| 9| Ty	208.1|	0.0|	-13.9|	209.5|					
-----								PROGR.	70.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	23570.3|	-2799.6|	0.0|	8124.9|	67.5|	107.2|			
| 7- 1|	21409.7|	-2309.6|	0.0|	7155.4|	99.9|	93.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx Si|	352.1|	0.0|	0.0|	352.1|					
| 7- 1|si| 5| Tz	80.2|	7.4|	0.0|	81.3|					
| 5- 1|si| 9| Ty	207.6|	0.0|	-13.1|	208.8|					
-----								PROGR.	88.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
5- 1	25386.5	-4084.9	0.0	8124.9	79.4	100.3			

Copertura area carburante - Relazione di calcolo

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| 7- 1|      22979.3| -4229.9|      0.0| 7155.4| 119.6| 86.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 377.0| 0.0| 0.0| 377.0|
| 7- 1|si| 5| Tz | 67.5| 8.2| 0.0| 69.0|
| 5- 1|si| 9| Ty | 206.9| 0.0| -12.3| 208.0|
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 27081.4| -5576.9| 0.0| 8124.9| 91.2| 93.4|
| 7- 1| 24427.7| -6494.8| 0.0| 7155.4| 139.3| 79.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 404.1| 0.0| 0.0| 404.1|
| 7- 1|si| 5| Tz | 54.3| 9.0| 0.0| 56.5|
| 5- 1|si| 9| Ty | 206.2| 0.0| -11.4| 207.2|
-----
PROGR. 122.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 28655.1| -7275.6| 0.0| 8124.9| 103.0| 86.5|
| 7- 1| 25754.8| -9104.2| 0.0| 7155.4| 159.0| 72.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 433.3| 0.0| 0.0| 433.3|
| 7- 1|si| 5| Tz | 40.7| 9.8| 0.0| 44.1|
| 5- 1|si| 9| Ty | 205.4| 0.0| -10.6| 206.2|
-----
PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 30107.5| -9181.0| 0.0| 8124.9| 114.8| 79.5|
| 7- 1| 26960.7| -12058.2| 0.0| 7155.4| 178.6| 65.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 464.6| 0.0| 0.0| 464.6|
| 7- 1|si| 5| Tz | 26.6| 10.5| 0.0| 32.3|
| 5- 1|si| 9| Ty | 204.5| 0.0| -9.7| 205.2|
-----
PROGR. 140.

VERIFICA STABILITA` :

|L0 = 140.0|
Z |Lc = 140.0|Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|
Y |Lc = 140.0|Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|
Casol2- 6 - Nodo 1 - Asse Y
Ned = -1039.9|Mzeq = 4417.4|Myeq = -761.4|Ss = -59.8 ( 0.023)

P_HEA160_S018 ( 18) stato limite ultimo - ASTA ( 520- 792) 1399
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 26960.7| -12058.2| 0.0| 5691.3| -200.6| -269.0|
| 6- 1| 29668.8| -4308.3| 0.0| 5490.0| -15.4| -310.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 3|Sx |Si| 425.2| 0.0| 0.0| 425.2|
| 7- 1|si| 5| Tz | -11.1| -17.0| 0.0| 31.5|
| 6- 1|si| 9| Ty | 139.1| 0.0| 38.0| 153.8|
-----
PROGR. 18.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 24690.3| -7056.8| 0.0| 6241.5| -115.5| -313.0|
| 7- 1| 22193.1| -8720.6| 0.0| 5691.3| -180.9| -275.9|
| 6- 1| 24170.5| -4039.0| 0.0| 5490.0| -15.4| -317.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 364.1| 0.0| 0.0| 364.1|
| 7- 1|si| 5| Tz | 20.3| -16.2| 0.0| 34.7|
| 6- 1|si| 9| Ty | 139.2| 0.0| 38.8| 154.6|
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19151.8| -5139.3| 0.0| 6241.5| -103.7| -319.9|
| 7- 1| 17304.4| -5727.5| 0.0| 5691.3| -161.2| -282.8|
| 6- 1| 18551.0| -3769.7| 0.0| 5490.0| -15.4| -324.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 314.1| 0.0| 0.0| 314.1|
| 7- 1|si| 5| Tz | 51.2| -15.4| 0.0| 57.8|
| 6- 1|si| 9| Ty | 139.3| 0.0| 39.6| 155.3|
-----
PROGR. 52.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 13492.1| -3428.6| 0.0| 6241.5| -91.9| -326.9|
| 7- 1| 12294.3| -3078.9| 0.0| 5691.3| -141.5| -289.8|
| 6- 1| 12810.2| -3500.5| 0.0| 5490.0| -15.4| -331.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 266.2| 0.0| 0.0| 266.2|
| 7- 1|si| 5| Tz | 81.6| -14.6| 0.0| 85.5|
| 6- 1|si| 9| Ty | 139.5| 0.0| 40.5| 156.1|
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 7711.1| -1924.5| 0.0| 6241.5| -80.0| -333.8|
| 7- 1| 7163.0| -774.9| 0.0| 5691.3| -121.8| -296.7|
| 6- 1| 6948.1| -3231.2| 0.0| 5490.0| -15.4| -338.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 220.4| 0.0| 0.0| 220.4|
| 7- 1|si| 5| Tz | 111.6| -13.9| 0.0| 114.2|

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Copertura area carburante - Relazione di calcolo

6- 1 si 9	Ty		139.6	0.0	41.3	156.9	88.

SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	964.8|	-2961.9|	0.0|	5490.0|	-15.4|	-345.4|	
| 7- 1|	1910.5|	1184.6|	0.0|	5691.3|	-102.1|	-303.6|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 3|Sx	Si	|	184.0|	0.0|	0.0|	184.0|	
| 7- 1|si| 5|	Tz	|	141.2|	-13.1|	0.0|	143.0|	
| 6- 1|si| 9|	Ty	|	139.7|	0.0|	42.2|	157.7|	

PROGR. 105.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	-5139.8|	-2692.7|	0.0|	5490.0|	-15.4|	-352.3|	
| 7- 1|	-3463.4|	2799.6|	0.0|	5691.3|	-82.4|	-310.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 2|Sx	Si	|	199.5|	0.0|	0.0|	199.5|	
| 7- 1|si| 5|	Tz	|	170.2|	-12.3|	0.0|	171.6|	
| 6- 1|si| 9|	Ty	|	139.9|	0.0|	43.0|	158.5|	

PROGR. 122.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 7- 1|	-8958.5|	4070.0|	0.0|	5691.3|	-62.8|	-317.5|	
| 5- 1|	-10359.4|	1347.3|	0.0|	6241.5|	-44.6|	-354.6|	
| 6- 1|	-11365.6|	-2423.4|	0.0|	5490.0|	-15.4|	-359.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 7- 1|si| 1|Sx	Si	|	239.8|	0.0|	0.0|	239.8|	
| 5- 1|si| 5|	Tz	|	211.4|	-11.6|	0.0|	212.3|	
| 6- 1|si| 9|	Ty	|	140.0|	0.0|	43.9|	159.3|	

PROGR. 140.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 7- 1|	-14574.8|	4995.9|	0.0|	5691.3|	-43.1|	-324.4|	
| 5- 1|	-16625.4|	2024.5|	0.0|	6241.5|	-32.8|	-361.5|	
| 6- 1|	-17712.7|	-2154.1|	0.0|	5490.0|	-15.4|	-366.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 7- 1|si| 1|Sx	Si	|	277.3|	0.0|	0.0|	277.3|	
| 5- 1|si| 5|	Tz	|	241.7|	-11.2|	0.0|	242.5|	
| 6- 1|si| 9|	Ty	|	140.1|	0.0|	44.7|	160.1|	

VERIFICA STABILITA` :							
|L0 = 140. |							
Z |Lc = 140. |Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|							
Y |Lc = 140. |Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|							
Casol2- 7 - Nodo 4 - Asse Y							
Ned = -1335.9|Mzeq = -6419.6|Myeq = -1823.4|Ss = -91.3 (0.035)							
P_HEA160_S018 (18) stato limite ultimo - ASTA (792- 309) 1400							

PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	-17712.7|	-2154.1|	0.0|	-49461.4|	-15.4|	154.2|	
| 7- 1|	-14574.8|	4995.9|	0.0|	-42791.2|	-43.1|	131.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 4|Sx	Si	|	-1380.2|	0.0|	0.0|	1380.2|	
| 7- 1|si| 6|	Tz	|	-1049.0|	-5.6|	0.0|	1049.0|	
| 6- 1|si| 9|	Ty	|	-1273.0|	0.0|	-18.8|	1273.4|	

PROGR. 18.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	-15074.2|	-1884.9|	0.0|	-49461.4|	-15.4|	147.3|	
| 5- 1|	-14122.8|	2494.9|	0.0|	-47549.7|	-21.0|	139.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 4|Sx	Si	|	-1364.7|	0.0|	0.0|	1364.7|	
| 5- 1|si| 6|	Tz	|	-1166.1|	-4.7|	0.0|	1166.1|	
| 6- 1|si| 9|	Ty	|	-1272.8|	0.0|	-18.0|	1273.2|	

PROGR. 35.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	-12557.0|	-1615.6|	0.0|	-49461.4|	-15.4|	140.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 4|Sx	Si	|	-1349.8|	0.0|	0.0|	1349.8|	
| 6- 1|si| 6|	Tz	|	-1210.3|	-4.5|	0.0|	1210.3|	
| 6- 1|si| 9|	Ty	|	-1272.7|	0.0|	-17.1|	1273.1|	

PROGR. 52.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	-10161.0|	-1346.3|	0.0|	-49461.4|	-15.4|	133.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 4|Sx	Si	|	-1335.5|	0.0|	0.0|	1335.5|	
| 6- 1|si| 6|	Tz	|	-1221.9|	-4.3|	0.0|	1222.0|	
| 6- 1|si| 9|	Ty	|	-1272.6|	0.0|	-16.3|	1272.9|	

PROGR. 70.							
SOLLECITAZIONI :							
| Caso |	MZ	|	MY	|	MT	|	N
| 6- 1|	-7886.3|	-1077.1|	0.0|	-49461.4|	-15.4|	126.5|	
7- 1	-6317.3	5254.2	0.0	-42791.2	35.7	104.1	
TENSIONI (Sz= 0.00) :							
Caso Ve No massimi	Sx		Tz		Ty		Si
6- 1 si 4 Sx	Si		-1321.6	0.0	0.0	1321.6	

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7- 1 si 5	Tz		-1056.4	4.5	0.0	1056.4		
6- 1 si 9			-1272.4	0.0	-15.5	1272.7		
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	-5732.8|		-807.8|		0.0|		-49461.4|	
| 7- 1|	-4556.1|		4457.4|		0.0|		-42791.2|	
-----							PROGR.	105.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 4|Sx	Si	|	-1308.4|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-1066.7|		5.3|		0.0|	
| 6- 1|si| 9|	Ty	|	-1272.3|		0.0|		-14.6|	
-----							PROGR.	122.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	-3700.6|		-538.5|		0.0|		-49461.4|	
| 7- 1|	-2916.1|		3316.2|		0.0|		-42791.2|	
-----							PROGR.	140.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 4|Sx	Si	|	-1295.7|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-1077.5|		6.1|		0.0|	
| 6- 1|si| 9|	Ty	|	-1272.2|		0.0|		-13.8|	
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	-1789.7|		-269.3|		0.0|		-49461.4|	
| 7- 1|	-1397.4|		1830.3|		0.0|		-42791.2|	
-----							PROGR.	140.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 4|Sx	Si	|	-1283.5|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-1088.7|		6.9|		0.0|	
| 6- 1|si| 9|	Ty	|	-1272.1|		0.0|		-12.9|	
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	0.0|		0.0|		0.0|		-49461.4|	
| 7- 1|	0.0|		0.0|		0.0|		-42791.2|	
-----							PROGR.	140.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 4|Sx	Si	|	-1271.9|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-1100.4|		7.7|		0.0|	
| 6- 1|si| 9|	TySi	|	-1271.9|		0.0|		-12.1|	
-----							PROGR.	140.
VERIFICA STABILITA` :								
|L0 = 140. |								
Z |Lc = 140. |Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|								
Y |Lc = 140. |Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|								
Caso 6- 1 - Nodo 4 - Asse Y								
Ned = -49461.4 Mzeq = -13284.5 Myeq = -1615.6 Ss = -1506.5 (0.575)								
-----							PROGR.	0.
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SOLLECITAZIONI :								
Caso	MZ		MY		MT		N	
5- 1	0.0		0.0		0.0		-47341.0	
7- 1	0.0		0.0		0.0		-43416.8	
-----							PROGR.	18.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-1217.4|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-1116.5|		-7.9|		0.0|	
| 5- 1|si| 9|	TySi	|	-1217.4|		0.0|		11.4|	
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	-1700.5|		1028.9|		0.0|		-47341.0|	
| 7- 1|	-1454.1|		1877.5|		0.0|		-43416.8|	
-----							PROGR.	35.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	-1238.5|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-1104.4|		-7.1|		0.0|	
| 5- 1|si| 9|	Ty	|	-1216.9|		0.0|		12.3|	
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	-3522.3|		1851.0|		0.0|		-47341.0|	
| 7- 1|	-3029.4|		3410.5|		0.0|		-43416.8|	
-----							PROGR.	52.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	-1257.4|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-1092.8|		-6.3|		0.0|	
| 5- 1|si| 9|	Ty	|	-1216.5|		0.0|		13.1|	
-----							PROGR.	52.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	-5465.3|		2466.5|		0.0|		-47341.0|	
| 7- 1|	-4726.0|		4598.9|		0.0|		-43416.8|	
-----							PROGR.	70.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	-1274.2|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-1081.6|		-5.5|		0.0|	
| 5- 1|si| 9|	Ty	|	-1216.2|		0.0|		14.0|	
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	-7529.6|		2875.2|		0.0|		-47341.0|	
7- 1	-6543.8		5442.8		0.0		-43416.8	
-----							PROGR.	107.3
TENSIONI (Sz= 0.00) :								
Caso Ve No massimi	Sx		Tz		Ty		Si	

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5- 1 si 3 Sx	Si	-1288.9	0.0	0.0	1288.9			
7- 1 si 5 Tz		-1070.9	-4.7	0.0	1071.0			
5- 1 si 9 Ty		-1216.0	0.0	14.8	1216.3			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-9715.2|	3077.2|	0.0|	-47341.0|	-5.6|	-128.4|		
| 6- 1|	-9566.7|	-1083.3|	0.0|	-45864.2|	12.4|	-126.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 3|Sx	Si	-1301.4|	0.0|	0.0|	1301.4|			
| 6- 1|si| 6| Tz		-1132.9|	4.0|	0.0|	1132.9|			
| 5- 1|si| 9| Ty		-1215.9|	0.0|	15.7|	1216.2|			
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-12022.0|	3072.5|	0.0|	-47341.0|	6.2|	-135.3|		
| 6- 1|	-11843.8|	-1300.0|	0.0|	-45864.2|	12.4|	-133.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 3|Sx	Si	-1311.8|	0.0|	0.0|	1311.8|			
| 6- 1|si| 6| Tz		-1122.0|	4.1|	0.0|	1122.0|			
| 5- 1|si| 9| Ty		-1215.9|	0.0|	16.5|	1216.2|			
-----							PROGR.	122.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-14450.1|	2861.0|	0.0|	-47341.0|	18.0|	-142.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 3|Sx	Si	-1320.0|	0.0|	0.0|	1320.0|			
| 5- 1|si| 6| Tz		-1160.3|	4.6|	0.0|	1160.3|			
| 5- 1|si| 9| Ty		-1216.0|	0.0|	17.4|	1216.4|			
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-16999.4|	2442.9|	0.0|	-47341.0|	29.8|	-149.1|		
| 7- 1|	-15027.8|	5373.2|	0.0|	-43416.8|	40.4|	-135.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 3|Sx	Si	-1326.2|	0.0|	0.0|	1326.2|			
| 7- 1|si| 6| Tz		-1064.1|	5.6|	0.0|	1064.1|			
| 5- 1|si| 9| Ty		-1216.2|	0.0|	18.2|	1216.6|			
-----							PROGR.	140.
VERIFICA STABILITA` :								
|L0 = 140.0|								
Z |Lc = 140.0|Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|								
Y Lc = 140.0 Ro = 3.98 lm = 35.2 Ncr= 651055.7 alfa(c)=0.4900 ki=0.8945								
Caso 5- 1 - Nodo 3 - Asse Y								
Ned = -47341.0 Mzeq = -12749.6 Myeq = 3021.1 Ss = -1462.6 (0.558)								
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-----							PROGR.	0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	-16761.8	-1733.3	0.0	5451.4	12.4	357.9		
| 5- 1|	-16999.4|	2442.9|	0.0|	4408.0|	29.8|	349.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	238.7|	0.0|	0.0|	238.7|			
| 5- 1|si| 5| Tz		197.5|	10.7|	0.0|	198.4|			
| 6- 1|si| 9| Ty		139.3|	0.0|	-43.7|	158.6|			
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	-10559.9|	-1950.0|	0.0|	5451.4|	12.4|	350.9|		
| 5- 1|	-10938.5|	1818.0|	0.0|	4408.0|	41.6|	342.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	213.4|	0.0|	0.0|	213.4|			
| 5- 1|si| 5| Tz		168.2|	11.1|	0.0|	169.3|			
| 6- 1|si| 9| Ty		139.2|	0.0|	-42.9|	157.8|			
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	-4479.2|	-2166.7|	0.0|	5451.4|	12.4|	344.0|		
| 7- 1|	-4409.4|	3271.1|	0.0|	3421.4|	79.7|	296.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	Si	188.6|	0.0|	0.0|	188.6|			
| 7- 1|si| 5| Tz		117.5|	11.8|	0.0|	119.3|			
| 6- 1|si| 9| Ty		139.1|	0.0|	-42.0|	157.0|			
-----							PROGR.	52.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	1480.3|	-2383.3|	0.0|	5451.4|	12.4|	337.1|		
| 7- 1|	717.9|	1703.3|	0.0|	3421.4|	99.4|	289.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	177.9|	0.0|	0.0|	177.9|			
| 7- 1|si| 5| Tz		89.7|	12.6|	0.0|	92.3|			
| 6- 1|si| 9| Ty		139.0|	0.0|	-41.2|	156.2|			
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	7318.4|	-2600.0|	0.0|	5451.4|	12.4|	330.1|		
7- 1	5724.0	-209.0	0.0	3421.4	119.1	282.6		
TENSIONI (Sz= 0.00) :								
Caso Ve No massimi	Sx	Tz	Ty	Si				

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6- 1 si 3 Sx	Si	207.1	0.0	0.0	207.1		
7- 1 si 5 Tz		61.4	13.3	0.0	65.6		
6- 1 si 9 Ty		138.9	0.0	-40.3	155.5		
-----							PROGR. 88.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	13035.3	-2816.7	0.0	5451.4	12.4	323.2	
| 7- 1|	10608.8	-2465.9	0.0	3421.4	138.8	275.7	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si	235.8	0.0	0.0	235.8		
| 7- 1|si| 5| Tz		32.7	14.1	0.0	40.9		
| 6- 1|si| 9| Ty		138.8	0.0	-39.5	154.7		
-----							PROGR. 105.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	18630.9	-3033.3	0.0	5451.4	12.4	316.3	
| 7- 1|	15372.3	-5067.3	0.0	3421.4	158.5	268.7	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si	264.0	0.0	0.0	264.0		
| 7- 1|si| 5| Tz		3.5	14.9	0.0	26.1		
| 6- 1|si| 9| Ty		138.7	0.0	-38.6	154.0		
-----							PROGR. 122.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	22880.5	-6272.3	0.0	4408.0	112.5	301.3	
| 7- 1|	20014.6	-8013.2	0.0	3421.4	178.2	261.8	
| 6- 1|	24105.3	-3250.0	0.0	5451.4	12.4	309.4	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	298.5	0.0	0.0	298.5		
| 7- 1|si| 5| Tz		-26.1	15.7	0.0	37.7		
| 6- 1|si| 9| Ty		138.6	0.0	-37.8	153.3		
-----							PROGR. 140.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	28092.5	-8344.3	0.0	4408.0	124.3	294.4	
| 7- 1|	24535.6	-11303.7	0.0	3421.4	197.9	254.9	
| 6- 1|	29458.4	-3466.7	0.0	5451.4	12.4	302.4	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	349.1	0.0	0.0	349.1		
| 7- 1|si| 5| Tz		-56.2	16.5	0.0	63.1		
| 6- 1|si| 9| Ty		138.5	0.0	-36.9	152.6		
-----							PROGR. 140.
VERIFICA STABILITA` :							
|L0 = 140. |							
Z |Lc = 140. |Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|							
Y Lc = 140. Ro = 3.98 lm = 35.2 Ncr= 651055.7 alfa(c)=0.4900 ki=0.8945							
Casol2-14 - Nodo 4 - Asse Y							
Ned = -1754.9 Mzeq = -5174.2 Myeq = -788.7 Ss = -84.2 (0.032)							
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-----							PROGR. 0.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
7- 1	24535.6	-11303.7	0.0	2409.9	-177.1	-77.5	
| 6- 1|	29458.4	-3466.7	0.0	4235.0	-15.2	-112.1	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|si| 3|Sx	Si	320.0	0.0	0.0	320.0		
| 7- 1|si| 5| Tz		-82.2	-10.8	0.0	84.3		
| 6- 1|si| 9| Ty		107.2	0.0	13.7	109.8		
-----							PROGR. 18.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	26284.6	-6468.3	0.0	3246.1	-101.3	-106.8	
| 7- 1|	23118.6	-8377.1	0.0	2409.9	-157.4	-84.4	
| 6- 1|	27435.3	-3201.4	0.0	4235.0	-15.2	-119.1	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	286.6	0.0	0.0	286.6		
| 7- 1|si| 5| Tz		-67.3	-10.0	0.0	69.5		
| 6- 1|si| 9| Ty		107.3	0.0	14.5	110.3		
-----							PROGR. 35.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	25291.0	-2936.1	0.0	4235.0	-15.2	-126.0	
| 7- 1|	21580.4	-5795.0	0.0	2409.9	-137.7	-91.4	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si	261.6	0.0	0.0	261.6		
| 7- 1|si| 5| Tz		-52.8	-9.2	0.0	55.1		
| 6- 1|si| 9| Ty		107.5	0.0	15.4	110.7		
-----							PROGR. 52.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	23025.4	-2670.8	0.0	4235.0	-15.2	-132.9	
| 7- 1|	19921.0	-3557.5	0.0	2409.9	-118.0	-98.3	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si	247.9	0.0	0.0	247.9		
7- 1 si 5 Tz		-38.7	-8.4	0.0	41.3		
6- 1 si 9 Ty		107.6	0.0	16.2	111.2		
-----							PROGR. 70.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	

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6- 1	20638.5	-2405.5	0.0	4235.0	-15.2	-139.9
7- 1	18140.2	-1664.5	0.0	2409.9	-98.3	-105.2

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |Si |	233.7|	0.0|	0.0|	233.7|
| 7- 1|si| 5| Tz |	-25.1|	-7.6|	0.0|	28.4|
| 6- 1|si| 9| Ty |	107.7|	0.0|	17.1|	111.7|

PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	18130.3|	-2140.3|	0.0|	4235.0|	-15.2|	-146.8|
| 7- 1|	16238.2|	-116.1|	0.0|	2409.9|	-78.6|	-112.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |Si |	218.9|	0.0|	0.0|	218.9|
| 7- 1|si| 5| Tz |	-11.9|	-6.8|	0.0|	16.8|
| 6- 1|si| 9| Ty |	107.9|	0.0|	17.9|	112.2|

PROGR. 105.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	15500.9|	-1875.0|	0.0|	4235.0|	-15.2|	-153.7|
| 7- 1|	14215.0|	1087.8|	0.0|	2409.9|	-59.0|	-119.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |Si |	203.5|	0.0|	0.0|	203.5|
| 7- 1|si| 5| Tz |	0.7|	-6.1|	0.0|	10.5|
| 6- 1|si| 9| Ty |	108.0|	0.0|	18.8|	112.8|

PROGR. 122.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-10|	1691.5|	-7372.4|	0.0|	3490.7|	64.9|	-91.9|
| 11- 9|	1591.3|	-7398.1|	0.0|	3494.2|	64.8|	-93.2|
| 6- 1|	12750.3|	-1609.7|	0.0|	4235.0|	-15.2|	-160.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-10|si| 3|Sx |Si |	193.2|	0.0|	0.0|	193.2|
| 11- 9|si| 6| Tz |	104.3|	5.7|	0.0|	104.7|
| 6- 1|si| 9| Ty |	108.1|	0.0|	19.6|	113.3|

PROGR. 140.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 9|	-86.8|	-8532.2|	0.0|	3494.2|	64.8|	-98.6|
| 6- 1|	9878.3|	-1344.4|	0.0|	4235.0|	-15.2|	-167.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11- 9|si| 2|Sx |Si |	201.1|	0.0|	0.0|	201.1|
| 11- 9|si| 6| Tz |	115.2|	5.8|	0.0|	115.6|
| 6- 1|si| 9| Ty |	108.3|	0.0|	20.5|	113.9|

VERIFICA STABILITA` :

|L0 = 140.0|
 Z |Lc = 140.0|Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|
 Y |Lc = 140.0|Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|
 Caso11- 8 - Nodo 2 - Asse Y
 Ned = -1166.6|Mzeq = 4093.7|Myeq = 6018.0|Ss = -130.4 (0.050)

P_HEA160_S018 (18) stato limite ultimo - ASTA (796- 572) 1408
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	9878.3|	-1344.4|	0.0|	22396.5|	-15.2|	276.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |Si |	638.2|	0.0|	0.0|	638.2|
| 6- 1|si| 6| Tz |	535.1|	-8.0|	0.0|	535.3|
| 6- 1|si| 9| Ty |	575.3|	0.0|	-33.7|	578.2|

PROGR. 18.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	14649.4|	-1079.1|	0.0|	22396.5|	-15.2|	269.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |Si |	656.3|	0.0|	0.0|	656.3|
| 6- 1|si| 6| Tz |	512.7|	-7.9|	0.0|	512.9|
| 6- 1|si| 9| Ty |	575.4|	0.0|	-32.9|	578.2|

PROGR. 35.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	19299.2|	-813.8|	0.0|	22396.5|	-15.2|	262.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |Si |	674.0|	0.0|	0.0|	674.0|
| 6- 1|si| 6| Tz |	490.9|	-7.7|	0.0|	491.1|
| 6- 1|si| 9| Ty |	575.5|	0.0|	-32.0|	578.2|

PROGR. 52.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	23827.7|	-548.5|	0.0|	22396.5|	-15.2|	255.3|
| 7- 1|	21762.2|	1939.5|	0.0|	19370.2|	39.5|	217.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 3|Sx |Si |	691.0|	0.0|	0.0|	691.0|
| 7- 1|si| 5| Tz |	405.2|	7.7|	0.0|	405.4|
| 6- 1|si| 9| Ty |	575.7|	0.0|	-31.2|	578.2|

PROGR. 70.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
6- 1	28235.0	-283.2	0.0	22396.5	-15.2	248.4

Copertura area carburante - Relazione di calcolo

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| 7- 1|      25505.5| 1076.2|      0.0| 19370.2|      59.2| 210.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| 707.5|      0.0|      0.0| 707.5|
| 7- 1|si| 5|  Tz | 385.7|      8.5|      0.0| 386.0|
| 6- 1|si| 9|  Ty | 575.8|      0.0|     -30.3| 578.2|
----- PROGR. 88.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      32521.0|     -18.0|      0.0| 22396.5|     -15.2| 241.5|
| 7- 1|      29127.5|    -131.6|      0.0| 19370.2|      78.9| 203.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| 723.5|      0.0|      0.0| 723.5|
| 7- 1|si| 5|  Tz | 365.8|      9.3|      0.0| 366.1|
| 6- 1|si| 9|  Ty | 575.9|      0.0|     -29.5| 578.2|
----- PROGR. 105.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      36685.8|      247.3|      0.0| 22396.5|     -15.2| 234.5|
| 7- 1|      32628.3|   -1683.9|      0.0| 19370.2|      98.5| 196.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si| 745.4|      0.0|      0.0| 745.4|
| 7- 1|si| 5|  Tz | 345.4|     10.1|      0.0| 345.8|
| 6- 1|si| 9|  Ty | 576.1|      0.0|     -28.6| 578.2|
----- PROGR. 122.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      40282.4|   -1910.1|      0.0| 21938.7|      64.1| 221.0|
| 7- 1|      36007.8|   -3580.8|      0.0| 19370.2|     118.2| 189.7|
| 6- 1|      40729.2|      512.6|      0.0| 22396.5|     -15.2| 227.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si| 771.5|      0.0|      0.0| 771.5|
| 7- 1|si| 5|  Tz | 324.5|     10.8|      0.0| 325.0|
| 6- 1|si| 9|  Ty | 576.2|      0.0|     -27.8| 578.2|
----- PROGR. 140.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      44090.1|   -3134.9|      0.0| 21938.7|      75.9| 214.1|
| 7- 1|      39266.1|   -5822.1|      0.0| 19370.2|     137.9| 182.7|
| 6- 1|      44651.5|      777.9|      0.0| 22396.5|     -15.2| 220.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si| 804.7|      0.0|      0.0| 804.7|
| 7- 1|si| 5|  Tz | 303.2|     11.6|      0.0| 303.9|
| 6- 1|si| 9|  Ty | 576.3|      0.0|     -27.0| 578.2|
----- PROGR. 140.

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VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

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P_HEA160_S018 ( 18) stato limite ultimo - ASTA ( 572- 798) 1411
----- PROGR. 0.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      44090.1|   -3134.9|      0.0| 21189.7|     -73.1| -195.3|
| 7- 1|      39266.1|   -5822.1|      0.0| 18847.7|    -135.6| -166.2|
| 6- 1|      44651.5|      777.9|      0.0| 21437.7|      18.2| -203.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si| 785.4|      0.0|      0.0| 785.4|
| 7- 1|si| 5|  Tz | 289.7|    -11.1|      0.0| 290.4|
| 6- 1|si| 9|  Ty | 551.7|      0.0|      24.8| 553.3|
----- PROGR. 18.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      40611.2|   -1959.0|      0.0| 21189.7|     -61.3| -202.3|
| 7- 1|      36297.1|   -3621.8|      0.0| 18847.7|    -115.9| -173.1|
| 6- 1|      41031.7|      459.7|      0.0| 21437.7|      18.2| -210.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si| 754.4|      0.0|      0.0| 754.4|
| 7- 1|si| 5|  Tz | 309.6|    -10.3|      0.0| 310.1|
| 6- 1|si| 9|  Ty | 551.5|      0.0|      25.7| 553.3|
----- PROGR. 35.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      37011.0|   -989.8|      0.0| 21189.7|     -49.5| -209.2|
| 7- 1|      33206.8|   -1766.1|      0.0| 18847.7|     -96.2| -180.1|
| 6- 1|      37290.7|      141.4|      0.0| 21437.7|      18.2| -217.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si| 725.5|      0.0|      0.0| 725.5|
| 7- 1|si| 5|  Tz | 329.1|     -9.5|      0.0| 329.5|
| 6- 1|si| 9|  Ty | 551.3|      0.0|      26.5| 553.3|
----- PROGR. 52.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      33428.4|   -176.8|      0.0| 21437.7|      18.2| -224.2|
| 7- 1|      29995.3|   -254.8|      0.0| 18847.7|     -76.5| -187.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si| 705.0|      0.0|      0.0| 705.0|
| 7- 1|si| 5|  Tz | 348.0|     -8.7|      0.0| 348.4|
| 6- 1|si| 9|  Ty | 551.2|      0.0|      27.4| 553.2|
----- PROGR. 70.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      29444.9|   -495.0|      0.0| 21437.7|      18.2| -231.1|

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Copertura area carburante - Relazione di calcolo

7- 1	26662.5	911.9	0.0	18847.7	-56.8	-193.9
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	691.1|	0.0|	0.0|	691.1|		
| 7- 1|si| 5| Tz |	366.5|	-7.9|	0.0|	366.8|		
| 6- 1|si| 9| Ty |	551.0|	0.0|	28.2|	553.2|		

88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	25340.1|	-813.3|	0.0|	21437.7|	18.2|	-238.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	676.7|	0.0|	0.0|	676.7|		
| 6- 1|si| 6| Tz |	438.8|	7.2|	0.0|	439.0|		
| 6- 1|si| 9| Ty |	550.9|	0.0|	29.1|	553.2|		

105.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	21114.0|	-1131.5|	0.0|	21437.7|	18.2|	-245.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	661.6|	0.0|	0.0|	661.6|		
| 6- 1|si| 6| Tz |	458.9|	7.4|	0.0|	459.1|		
| 6- 1|si| 9| Ty |	550.7|	0.0|	29.9|	553.2|		

122.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	16766.7|	-1449.7|	0.0|	21437.7|	18.2|	-251.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	646.1|	0.0|	0.0|	646.1|		
| 6- 1|si| 6| Tz |	479.6|	7.6|	0.0|	479.7|		
| 6- 1|si| 9| Ty |	550.6|	0.0|	30.8|	553.1|		

140.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	12298.1|	-1768.0|	0.0|	21437.7|	18.2|	-258.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	630.0|	0.0|	0.0|	630.0|		
| 6- 1|si| 6| Tz |	500.7|	7.7|	0.0|	500.9|		
| 6- 1|si| 9| Ty |	550.4|	0.0|	31.6|	553.1|		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18) stato limite ultimo - ASTA (798- 574) 1412
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	12298.1|	-1768.0|	0.0|	9845.2|	18.2|	165.4|
| 5- 1|	12863.5|	484.2|	0.0|	10156.0|	21.4|	163.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	331.9|	0.0|	0.0|	331.9|		
| 5- 1|si| 5| Tz |	204.3|	5.4|	0.0|	204.5|		
| 6- 1|si| 9| Ty |	252.3|	0.0|	-20.2|	254.7|		

18.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	15131.2|	-2086.2|	0.0|	9845.2|	18.2|	158.4|
| 5- 1|	15670.6|	6.3|	0.0|	10156.0|	33.2|	156.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	348.8|	0.0|	0.0|	348.8|		
| 5- 1|si| 5| Tz |	190.2|	5.8|	0.0|	190.4|		
| 6- 1|si| 9| Ty |	252.2|	0.0|	-19.4|	254.4|		

35.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	17843.1|	-2404.4|	0.0|	9845.2|	18.2|	151.5|
| 7- 1|	16933.0|	677.1|	0.0|	8850.3|	61.3|	130.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	365.3|	0.0|	0.0|	365.3|		
| 7- 1|si| 5| Tz |	152.8|	6.5|	0.0|	153.3|		
| 6- 1|si| 9| Ty |	252.0|	0.0|	-18.5|	254.0|		

52.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	20433.7|	-2722.7|	0.0|	9845.2|	18.2|	144.6|
| 7- 1|	19158.2|	-567.9|	0.0|	8850.3|	81.0|	123.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx Si|	381.1|	0.0|	0.0|	381.1|		
| 7- 1|si| 5| Tz |	139.1|	7.3|	0.0|	139.7|		
| 6- 1|si| 9| Ty |	251.8|	0.0|	-17.7|	253.7|		

70.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	23364.0|	-2667.5|	0.0|	10156.0|	68.6|	136.1|
| 7- 1|	21262.2|	-2157.4|	0.0|	8850.3|	100.7|	116.8|
| 6- 1|	22903.0|	-3040.9|	0.0|	9845.2|	18.2|	137.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 3|Sx Si|	401.7|	0.0|	0.0|	401.7|		
| 7- 1|si| 5| Tz |	124.9|	8.1|	0.0|	125.7|		
| 6- 1|si| 9| Ty |	251.7|	0.0|	-16.8|	253.4|		

88.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	25686.0|	-3972.3|	0.0|	10156.0|	80.5|	129.2|
7- 1|	23244.9|	-4091.5|	0.0|	8850.3|	120.4|	109.8|
6- 1|	25251.1|	-3359.1|	0.0|	9845.2|	18.2|	130.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		429.2|	0.0|	0.0|	429.2|
7- 1|si| 5|	Tz			110.3|	8.8|	0.0|	111.4|
6- 1|si| 9|	Ty			251.5|	0.0|	-16.0|	253.1|

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	27886.7|	-5483.7|	0.0|	10156.0|	92.3|	122.3|
7- 1|	25106.3|	-6370.1|	0.0|	8850.3|	140.0|	102.9|
6- 1|	27477.9|	-3677.4|	0.0|	9845.2|	18.2|	123.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		458.8|	0.0|	0.0|	458.8|
7- 1|si| 5|	Tz			95.2|	9.6|	0.0|	96.7|
6- 1|si| 9|	Ty			251.4|	0.0|	-15.1|	252.7|

----- PROGR. 122.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	29966.2|	-7201.9|	0.0|	10156.0|	104.1|	115.4|
7- 1|	26846.5|	-8993.2|	0.0|	8850.3|	159.7|	96.0|
6- 1|	29583.4|	-3995.6|	0.0|	9845.2|	18.2|	116.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		490.5|	0.0|	0.0|	490.5|
7- 1|si| 5|	Tz			79.7|	10.4|	0.0|	81.7|
6- 1|si| 9|	Ty			251.2|	0.0|	-14.3|	252.4|

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	31924.3|	-9126.7|	0.0|	10156.0|	115.9|	108.4|
7- 1|	28465.4|	-11960.9|	0.0|	8850.3|	179.4|	89.0|
6- 1|	31567.7|	-4313.8|	0.0|	9845.2|	18.2|	109.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		524.4|	0.0|	0.0|	524.4|
7- 1|si| 5|	Tz			63.6|	11.2|	0.0|	66.5|
6- 1|si| 9|	Ty			251.1|	0.0|	-13.4|	252.1|

VERIFICA STABILITA` :

|L0 = 140. |
 Z |Lc = 140. |Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|
 Y |Lc = 140. |Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|
 Casol2- 6 - Nodo 1 - Asse Y
 Ned = -930.4|Mzeq = 3990.2|Myeq = -1342.5|Ss = -62.3 (0.024)

P_HEA160_S018 (18) stato limite ultimo - ASTA (574- 800) 1415
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	28465.4|	-11960.9|	0.0|	7529.7|	-200.2|	-227.9|
6- 1|	31567.7|	-4313.8|	0.0|	7527.3|	-15.4|	-266.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx	Si		478.0|	0.0|	0.0|	478.0|
7- 1|si| 5|	Tz			29.7|	-15.9|	0.0|	40.5|
6- 1|si| 9|	Ty			191.5|	0.0|	32.6|	199.6|

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	27287.5|	-7005.9|	0.0|	8318.9|	-115.3|	-268.4|
7- 1|	24417.4|	-8629.3|	0.0|	7529.7|	-180.5|	-234.8|
6- 1|	26842.5|	-4044.2|	0.0|	7527.3|	-15.4|	-273.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		428.6|	0.0|	0.0|	428.6|
7- 1|si| 5|	Tz			57.8|	-15.1|	0.0|	63.4|
6- 1|si| 9|	Ty			191.6|	0.0|	33.4|	200.1|

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	22529.3|	-5091.8|	0.0|	8318.9|	-103.5|	-275.4|
7- 1|	20248.1|	-5642.3|	0.0|	7529.7|	-160.8|	-241.7|
6- 1|	21996.0|	-3774.6|	0.0|	7527.3|	-15.4|	-280.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		382.2|	0.0|	0.0|	382.2|
7- 1|si| 5|	Tz			85.4|	-14.3|	0.0|	88.9|
6- 1|si| 9|	Ty			191.7|	0.0|	34.3|	200.7|

----- PROGR. 52.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	17649.9|	-3384.5|	0.0|	8318.9|	-91.7|	-282.3|
7- 1|	15957.5|	-2999.9|	0.0|	7529.7|	-141.2|	-248.6|
6- 1|	17028.3|	-3505.0|	0.0|	7527.3|	-15.4|	-287.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx	Si		337.9|	0.0|	0.0|	337.9|
7- 1|si| 5|	Tz			112.6|	-13.5|	0.0|	115.0|
6- 1|si| 9|	Ty			191.9|	0.0|	35.1|	201.3|

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	12649.2|	-1883.8|	0.0|	8318.9|	-79.8|	-289.2|

Copertura area carburante - Relazione di calcolo

```

| 7- 1|      11545.7|   -701.9|      0.0| 7529.7|   -121.5|   -255.6|
| 6- 1|      11939.3|   -3235.4|      0.0| 7527.3|    -15.4|   -294.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 5- 1|si| 3|Sx   Si|  295.7|    0.0|    0.0|  295.7|
| 7- 1|si| 5|  Tz  |  139.3| -12.7|    0.0|  141.0|
| 6- 1|si| 9|   Ty  |  192.0|    0.0|   35.9|  201.8|
-----
PROGR.      88.

```

```

SOLLECITAZIONI :
| Caso |  MZ  |  MY  |  MT  |  N  |  TZ  |  TY  |
| 6- 1|  6729.0| -2965.7|    0.0| 7527.3|   -15.4|  -301.2|
| 7- 1|  7012.6|  1251.5|    0.0| 7529.7|  -101.8| -262.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 6- 1|si| 3|Sx   Si|  262.6|    0.0|    0.0|  262.6|
| 7- 1|si| 5|  Tz  |  165.5| -12.0|    0.0|  166.8|
| 6- 1|si| 9|   Ty  |  192.1|    0.0|   36.8|  202.4|
-----
PROGR.      105.

```

```

SOLLECITAZIONI :
| Caso |  MZ  |  MY  |  MT  |  N  |  TZ  |  TY  |
| 7- 1|  2358.3|  2860.4|    0.0| 7529.7|   -82.1| -269.4|
| 6- 1|  1397.5| -2696.1|    0.0| 7527.3|   -15.4| -308.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 7- 1|si| 4|Sx   Si|  241.5|    0.0|    0.0|  241.5|
| 7- 1|si| 5|  Tz  |  191.3| -11.2|    0.0|  192.3|
| 6- 1|si| 9|   Ty  |  192.3|    0.0|   37.6|  203.0|
-----
PROGR.      122.

```

```

SOLLECITAZIONI :
| Caso |  MZ  |  MY  |  MT  |  N  |  TZ  |  TY  |
| 7- 1|  -2417.3|  4124.7|    0.0| 7529.7|   -62.4| -276.4|
| 5- 1|  -3080.3|  1377.9|    0.0| 8318.9|   -44.4| -310.0|
| 6- 1|  -4055.3| -2426.5|    0.0| 7527.3|   -15.4| -315.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 7- 1|si| 1|Sx   Si|  258.2|    0.0|    0.0|  258.2|
| 5- 1|si| 5|  Tz  |  231.9| -10.4|    0.0|  232.6|
| 6- 1|si| 9|   Ty  |  192.4|    0.0|   38.5|  203.6|
-----
PROGR.      140.

```

```

SOLLECITAZIONI :
| Caso |  MZ  |  MY  |  MT  |  N  |  TZ  |  TY  |
| 7- 1|  -7314.2|  5044.6|    0.0| 7529.7|   -42.7| -283.3|
| 5- 1|  -8566.0|  2051.6|    0.0| 8318.9|   -32.6| -316.9|
| 6- 1|  -9629.4| -2156.9|    0.0| 7527.3|   -15.4| -322.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 7- 1|si| 1|Sx   Si|  292.3|    0.0|    0.0|  292.3|
| 5- 1|si| 5|  Tz  |  258.7| -10.0|    0.0|  259.3|
| 6- 1|si| 9|   Ty  |  192.5|    0.0|   39.3|  204.2|
-----

```

VERIFICA STABILITA` :

```

|L0 = 140.0|
Z |Lc = 140.0|Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|
Y |Lc = 140.0|Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|
Case12- 7 - Nodo 4 - Asse Y
Ned = -1154.5|Mzeq = -4523.2|Myeq = -2532.9|Ss = -86.7 ( 0.033)

```

```

P_HEA160_S018 ( 18)         stato limite ultimo - ASTA ( 800- 327) 1416
-----
PROGR.      0.

```

```

SOLLECITAZIONI :
| Caso |  MZ  |  MY  |  MT  |  N  |  TZ  |  TY  |
| 6- 1|  -9629.4| -2156.9|    0.0| -35260.1|   -15.4|    96.5|
| 11-10| -5156.7| -10328.9|    0.0| -10531.7|   -73.8|    58.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 6- 1|si| 4|Sx   Si| -978.4|    0.0|    0.0| -978.4|
| 11-10|si| 6|  Tz  | -217.3| -5.2|    0.0|  217.5|
| 6- 1|si| 9|   Ty  | -907.8|    0.0| -11.8|  908.0|
-----
PROGR.      18.

```

```

SOLLECITAZIONI :
| Caso |  MZ  |  MY  |  MT  |  N  |  TZ  |  TY  |
| 6- 1|  -8001.3| -1887.3|    0.0| -35260.1|   -15.4|    89.6|
| 11-10| -4185.6| -9037.8|    0.0| -10531.7|   -73.8|    52.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 6- 1|si| 4|Sx   Si| -967.5|    0.0|    0.0| -967.5|
| 11-10|si| 6|  Tz  | -225.4| -5.0|    0.0|  225.6|
| 6- 1|si| 9|   Ty  | -907.6|    0.0| -10.9|  907.8|
-----
PROGR.      35.

```

```

SOLLECITAZIONI :
| Caso |  MZ  |  MY  |  MT  |  N  |  TZ  |  TY  |
| 6- 1|  -6494.5| -1617.7|    0.0| -35260.1|   -15.4|    82.6|
| 11-10| -3307.8| -7746.7|    0.0| -10531.7|   -73.8|    47.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 6- 1|si| 4|Sx   Si| -957.2|    0.0|    0.0| -957.2|
| 11-10|si| 6|  Tz  | -233.2| -4.9|    0.0|  233.3|
| 6- 1|si| 9|   Ty  | -907.5|    0.0| -10.1|  907.7|
-----
PROGR.      52.

```

```

SOLLECITAZIONI :
| Caso |  MZ  |  MY  |  MT  |  N  |  TZ  |  TY  |
| 6- 1|  -5108.9| -1348.1|    0.0| -35260.1|   -15.4|    75.7|
| 11-10| -2523.3| -6455.6|    0.0| -10531.7|   -73.8|    42.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx  |  Tz  |  Ty  |  Si  |
| 6- 1|si| 4|Sx   Si| -947.4|    0.0|    0.0| -947.4|
| 11-10|si| 6|  Tz  | -240.5| -4.8|    0.0|  240.7|
| 6- 1|si| 9|   Ty  | -907.4|    0.0|   -9.2|  907.5|
-----

```


Copertura area carburante - Relazione di calcolo

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 265.8| 0.0| 0.0| 265.8|
| 7- 1|si| 5| Tz | 1.0| -13.5| 0.0| 23.5|
| 6- 1|si| 9| Ty | 100.8| 0.0| 30.5| 113.8|
----- PROGR. 54.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16783.5| -2500.7| 0.0| 4452.0| -90.1| -248.3|
| 7- 1| 15104.0| -2093.5| 0.0| 3935.7| -141.4| -217.7|
| 6- 1| 16334.8| -2761.3| 0.0| 3977.9| -11.7| -256.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx |Si| 223.0| 0.0| 0.0| 223.0|
| 7- 1|si| 5| Tz | 26.7| -12.7| 0.0| 34.6|
| 6- 1|si| 9| Ty | 100.9| 0.0| 31.4| 114.6|
----- PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 11617.3| -2548.9| 0.0| 3977.9| -11.7| -263.9|
| 7- 1| 11093.0| 285.0| 0.0| 3935.7| -121.0| -224.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 188.0| 0.0| 0.0| 188.0|
| 7- 1|si| 5| Tz | 51.8| -11.9| 0.0| 55.7|
| 6- 1|si| 9| Ty | 101.1| 0.0| 32.2| 115.4|
----- PROGR. 91.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 6769.7| -2336.5| 0.0| 3977.9| -11.7| -271.0|
| 7- 1| 6951.9| 2293.9| 0.0| 3935.7| -100.6| -232.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx |Si| 163.3| 0.0| 0.0| 163.3|
| 7- 1|si| 5| Tz | 76.4| -11.1| 0.0| 78.8|
| 6- 1|si| 9| Ty | 101.2| 0.0| 33.1| 116.3|
----- PROGR. 109.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 2680.7| 3933.3| 0.0| 3935.7| -80.3| -239.2|
| 6- 1| 1792.0| -2124.1| 0.0| 3977.9| -11.7| -278.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 7- 1|si| 4|Sx |Si| 164.5| 0.0| 0.0| 164.5|
| 7- 1|si| 5| Tz | 100.6| -10.3| 0.0| 102.1|
| 6- 1|si| 9| Ty | 101.3| 0.0| 34.0| 117.1|
----- PROGR. 127.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -1720.6| 5203.1| 0.0| 3935.7| -59.9| -246.4|
| 6- 1| -3315.7| -1911.7| 0.0| 3977.9| -11.7| -285.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx |Si| 176.6| 0.0| 0.0| 176.6|
| 7- 1|si| 5| Tz | 124.2| -9.5| 0.0| 125.3|
| 6- 1|si| 9| Ty | 101.4| 0.0| 34.9| 118.0|
----- PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -6251.9| 6103.3| 0.0| 3935.7| -39.5| -253.6|
| 5- 1| -7343.3| 2896.1| 0.0| 4452.0| -29.0| -284.2|
| 6- 1| -8553.5| -1699.3| 0.0| 3977.9| -11.7| -292.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx |Si| 208.8| 0.0| 0.0| 208.8|
| 5- 1|si| 5| Tz | 156.2| -8.9| 0.0| 157.0|
| 6- 1|si| 9| Ty | 101.5| 0.0| 35.7| 118.9|
-----
VERIFICA STABILITA` :
| L0 = 145. |
Z |Lc = 145. |Ro = 6.57|lm = 22.1|Ncr= 1653538.6|alfa (b )=0.3400|ki=0.9807|
Y |Lc = 145. |Ro = 3.98|lm = 36.4|Ncr= 606929.5|alfa (c )=0.4900|ki=0.8868|
Caso12- 8 - Nodo 4 - Asse Y
Ned = -860.7|Mzeq = -4316.8|Myeq = -1243.3|Ss = -60.7 ( 0.023)
P_HEA160_S018 ( 18) stato limite ultimo - ASTA ( 806- 345) 1428
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -8553.5| -1699.3| 0.0| -28609.4| -11.7| 87.7|
| 7- 1| -6251.9| 6103.3| 0.0| -24492.6| -39.5| 71.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -796.5| 0.0| 0.0| 796.5|
| 7- 1|si| 6| Tz | -619.4| -3.8| 0.0| 619.4|
| 6- 1|si| 9| Ty | -736.5| 0.0| -10.7| 736.8|
----- PROGR. 18.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -7029.1| -1486.9| 0.0| -28609.4| -11.7| 80.5|
| 5- 1| -5970.1| 3310.2| 0.0| -27059.1| -16.7| 72.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi| Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| -786.9| 0.0| 0.0| 786.9|
| 5- 1|si| 6| Tz | -678.5| -2.7| 0.0| 678.5|
| 6- 1|si| 9| Ty | -736.4| 0.0| -9.8| 736.6|
----- PROGR. 36.
SOLLECITAZIONI :
```


Copertura area carburante - Relazione di calcolo

| 12- 5|si| 9|	Ty	|	2.4|	0.0|	-3.6|	6.8|			
----- PROGR. 42.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 5- 1|	213.2|		2981.0|		0.0|		-23106.3|		-55.8|
| 7- 2|	735.3|		-5684.6|		0.0|		-4190.1|		109.8|
| 12- 5|	1269.5|		918.4|		0.0|		84.8|		-21.6|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|	si| 2|	Sx	Si	|	-633.9|		0.0|	0.0|	633.9|
| 7- 2|	si| 5|	Tz	|	-127.7|		5.7|	0.0|	128.1|	
| 12- 5|	si| 9|	Ty	|	2.6|		0.0|	-2.9|	5.6|	
----- PROGR. 64.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 5- 1|	51.6|		4014.3|		0.0|		-23106.3|		-41.5|
| 11-15|	-725.4|		-5086.9|		0.0|		-5543.6|		79.8|
| 12-12|	-1082.7|		-1584.7|		0.0|		-10650.4|		24.9|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|	si| 2|	Sx	Si	|	-646.6|		0.0|	0.0|	646.6|
| 11-15|	si| 6|	Tz	|	-124.4|		4.5|	0.0|	124.6|	
| 12-12|	si| 9|	Ty	|	-274.7|		0.0|	3.3|	274.7|	
----- PROGR. 85.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	98.4|		8467.1|		0.0|		-21340.2|		-51.8|
| 11-15|	-1242.2|		-6782.5|		0.0|		-5543.6|		79.8|
| 12-12|	-1718.7|		-2113.0|		0.0|		-10650.4|		24.9|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|	si| 2|	Sx	Si	|	-659.2|		0.0|	0.0|	659.2|
| 11-15|	si| 6|	Tz	|	-117.1|		4.7|	0.0|	117.4|	
| 12-12|	si| 9|	Ty	|	-274.9|		0.0|	4.1|	275.0|	
----- PROGR. 106.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	-324.0|		9313.8|		0.0|		-21340.2|		-27.9|
| 11-15|	-1896.6|		-8478.1|		0.0|		-5543.6|		79.8|
| 12-12|	-2492.3|		-2641.2|		0.0|		-10650.4|		24.9|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|	si| 3|	Sx	Si	|	-671.3|		0.0|	0.0|	671.3|
| 11-15|	si| 6|	Tz	|	-109.2|		4.8|	0.0|	109.5|	
| 12-12|	si| 9|	Ty	|	-275.2|		0.0|	4.8|	275.3|	
----- PROGR. 128.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	-925.2|		9652.6|		0.0|		-21340.2|		-4.0|
| 11-15|	-2688.6|		-10173.7|		0.0|		-5543.6|		79.8|
| 12-12|	-3403.3|		-3169.5|		0.0|		-10650.4|		24.9|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|	si| 3|	Sx	Si	|	-678.4|		0.0|	0.0|	678.4|
| 11-15|	si| 6|	Tz	|	-100.6|		5.0|	0.0|	101.0|	
| 12-12|	si| 9|	Ty	|	-275.4|		0.0|	5.6|	275.6|	
----- PROGR. 149.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	-1705.2|		9483.3|		0.0|		-21340.2|		19.9|
| 11-15|	-3618.0|		-11869.3|		0.0|		-5543.6|		79.8|
| 12-12|	-4451.9|		-3697.7|		0.0|		-10650.4|		24.9|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|	si| 3|	Sx	Si	|	-679.7|		0.0|	0.0|	679.7|
| 11-15|	si| 6|	Tz	|	-91.5|		5.2|	0.0|	91.9|	
| 12-12|	si| 9|	Ty	|	-275.7|		0.0|	6.4|	275.9|	
----- PROGR. 170.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	-2664.0|		8806.1|		0.0|		-21340.2|		43.8|
| 11-15|	-4685.1|		-13565.0|		0.0|		-5543.6|		79.8|
| 12-12|	-5638.1|		-4226.0|		0.0|		-10650.4|		24.9|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|	si| 3|	Sx	Si	|	-675.3|		0.0|	0.0|	675.3|
| 11-15|	si| 6|	Tz	|	-81.7|		5.3|	0.0|	82.2|	
| 12-12|	si| 9|	Ty	|	-275.9|		0.0|	7.2|	276.2|	

VERIFICA STABILITA` :									
|L0 = 170. |									
Z	|Lc = 170. |	Ro = 6.57|	lm = 25.9|	Ncr= 1202963.6|	alfa(b)=0.3400|	ki=0.9648|			
Y	|Lc = 170. |	Ro = 3.98|	lm = 42.7|	Ncr= 441546.5|	alfa(c)=0.4900|	ki=0.8474|			
Caso 5- 1 - Nodo 3 - Asse Y									
Ned = -23106.3|Mzeq = -2578.8|Myeq = 5108.9|Ss = -783.2 (0.299)									
P_HEA160_S018 (18) stato limite ultimo - ASTA (808- 660) 1432									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	-2664.0|		8806.1|		0.0|		12123.4|		43.8|
| 5- 1|	-3438.4|		4608.6|		0.0|		14001.2|		30.3|
| 6- 1|	-3429.0|		-1494.0|		0.0|		15128.9|		8.8|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|	si| 1|	Sx	Si	|	438.3|		0.0|	0.0|	438.3|
| 5- 1|	si| 5|	Tz	|	389.1|		10.0|	0.0|	389.5|	
| 6- 1|	si| 9|	Ty	|	388.3|		0.0|	-40.6|	394.6|	

Copertura area carburante - Relazione di calcolo

----- PROGR. 21.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	3547.2	-1680.7	0.0	15128.9	8.8	324.1
7- 1	3355.6	7620.8	0.0	12123.4	67.7	279.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	427.0	0.0	0.0	427.0
7- 1	si	5	Tz		318.8	10.7	0.0	319.4
6- 1	si	9	Ty		388.2	0.0	-39.6	394.2

----- PROGR. 42.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	10344.7	-1867.5	0.0	15128.9	8.8	315.7
7- 1	9196.4	5927.5	0.0	12123.4	91.6	270.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	460.2	0.0	0.0	460.2
7- 1	si	5	Tz		287.4	11.7	0.0	288.1
6- 1	si	9	Ty		388.1	0.0	-38.6	393.8

----- PROGR. 64.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	16963.3	-2054.2	0.0	15128.9	8.8	307.3
7- 1	14858.5	3726.2	0.0	12123.4	115.5	262.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	492.6	0.0	0.0	492.6
7- 1	si	5	Tz		255.3	12.6	0.0	256.3
6- 1	si	9	Ty		388.0	0.0	-37.5	393.5

----- PROGR. 85.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	23403.2	-2241.0	0.0	15128.9	8.8	298.8
7- 1	20341.7	1016.9	0.0	12123.4	139.4	253.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	524.2	0.0	0.0	524.2
7- 1	si	5	Tz		222.6	13.6	0.0	223.8
6- 1	si	9	Ty		388.0	0.0	-36.5	393.1

----- PROGR. 106.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	29664.2	-2427.7	0.0	15128.9	8.8	290.4
7- 1	25646.1	-2200.4	0.0	12123.4	163.4	245.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	555.0	0.0	0.0	555.0
7- 1	si	5	Tz		189.1	14.5	0.0	190.8
6- 1	si	9	Ty		387.9	0.0	-35.5	392.7

----- PROGR. 128.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	35746.5	-2614.5	0.0	15128.9	8.8	282.0
7- 1	30771.7	-5925.7	0.0	12123.4	187.3	237.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	585.0	0.0	0.0	585.0
7- 1	si	5	Tz		155.0	15.5	0.0	157.3
6- 1	si	9	Ty		387.8	0.0	-34.4	392.3

----- PROGR. 149.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	40281.7	-7361.1	0.0	14001.2	130.7	264.5
7- 1	35718.6	-10159.1	0.0	12123.4	211.2	228.6
6- 1	41649.9	-2801.2	0.0	15128.9	8.8	273.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	638.2	0.0	0.0	638.2
7- 1	si	5	Tz		120.2	16.5	0.0	123.6
6- 1	si	9	Ty		387.7	0.0	-33.4	392.0

----- PROGR. 170.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45812.2	-10290.3	0.0	14001.2	145.0	256.1
7- 1	40486.6	-14900.4	0.0	12123.4	235.1	220.2
6- 1	47374.6	-2988.0	0.0	15128.9	8.8	265.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	701.3	0.0	0.0	701.3
7- 1	si	5	Tz		84.8	17.4	0.0	90.0
6- 1	si	9	Ty		387.6	0.0	-32.4	391.6

----- PROGR. 21.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45812.2	-10290.3	0.0	13105.8	-114.2	-210.9
7- 1	40486.6	-14900.4	0.0	11426.5	-190.9	-178.9
6- 1	47374.6	-2988.0	0.0	14068.3	0.6	-224.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	678.3	0.0	0.0	678.3
7- 1	si	5	Tz		66.8	-14.1	0.0	71.2
6- 1	si	9	Ty		360.3	0.0	27.4	363.4

----- PROGR. 21.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45812.2	-10290.3	0.0	13105.8	-114.2	-210.9
7- 1	40486.6	-14900.4	0.0	11426.5	-190.9	-178.9
6- 1	47374.6	-2988.0	0.0	14068.3	0.6	-224.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	678.3	0.0	0.0	678.3
7- 1	si	5	Tz		66.8	-14.1	0.0	71.2
6- 1	si	9	Ty		360.3	0.0	27.4	363.4

----- PROGR. 21.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45812.2	-10290.3	0.0	13105.8	-114.2	-210.9
7- 1	40486.6	-14900.4	0.0	11426.5	-190.9	-178.9
6- 1	47374.6	-2988.0	0.0	14068.3	0.6	-224.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	678.3	0.0	0.0	678.3
7- 1	si	5	Tz		66.8	-14.1	0.0	71.2
6- 1	si	9	Ty		360.3	0.0	27.4	363.4

----- PROGR. 21.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45812.2	-10290.3	0.0	13105.8	-114.2	-210.9
7- 1	40486.6	-14900.4	0.0	11426.5	-190.9	-178.9
6- 1	47374.6	-2988.0	0.0	14068.3	0.6	-224.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	678.3	0.0	0.0	678.3
7- 1	si	5	Tz		66.8	-14.1	0.0	71.2
6- 1	si	9	Ty		360.3	0.0	27.4	363.4

----- PROGR. 21.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	45812.2	-10290.3	0.0	13105.8	-114.2	-210.9
7- 1	40486.6	-14900.4	0.0	11426.5	-190.9	-178.9
6- 1	47374.6	-2988.0	0.0	14068.3	0.6	-224.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	3	Sx	Si	678.3	0.0	0.0	678.3
7- 1	si	5	Tz		66.8	-14.1	0.0	71.2
6- 1	si	9	Ty		360.3	0.0	27.4	363.4

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	41240.6|	-8015.5|	0.0|	13105.8|	-99.9|	-219.3|
7- 1|	36595.3|	-11098.6|	0.0|	11426.5|	-167.0|	-187.3|
6- 1|	42513.3|	-3001.4|	0.0|	14068.3|	0.6|	-233.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx			Si|	628.0|	0.0|	0.0|	628.0|
7- 1|si| 5|	Tz			95.6|	-13.2|	0.0|	98.3|
6- 1|si| 9|	Ty			360.3|	0.0|	28.5|	363.7|

PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	36490.3|	-6045.5|	0.0|	13105.8|	-85.5|	-227.8|
7- 1|	32525.1|	-7804.8|	0.0|	11426.5|	-143.0|	-195.7|
6- 1|	37473.3|	-3014.9|	0.0|	14068.3|	0.6|	-241.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx			Si|	580.9|	0.0|	0.0|	580.9|
7- 1|si| 5|	Tz			123.7|	-12.2|	0.0|	125.5|
6- 1|si| 9|	Ty			360.3|	0.0|	29.5|	363.9|

PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	32254.4|	-3028.3|	0.0|	14068.3|	0.6|	-249.8|
7- 1|	28276.2|	-5019.0|	0.0|	11426.5|	-119.1|	-204.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	547.3|	0.0|	0.0|	547.3|
7- 1|si| 5|	Tz			151.0|	-11.3|	0.0|	152.3|
6- 1|si| 9|	Ty			360.3|	0.0|	30.5|	364.2|

PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	26856.8|	-3041.8|	0.0|	14068.3|	0.6|	-258.2|
7- 1|	23848.5|	-2741.2|	0.0|	11426.5|	-95.2|	-212.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	523.0|	0.0|	0.0|	523.0|
7- 1|si| 5|	Tz			177.8|	-10.3|	0.0|	178.7|
6- 1|si| 9|	Ty			360.3|	0.0|	31.5|	364.4|

PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	21280.3|	-3055.2|	0.0|	14068.3|	0.6|	-266.6|
7- 1|	19241.9|	-971.4|	0.0|	11426.5|	-71.3|	-221.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	497.9|	0.0|	0.0|	497.9|
7- 1|si| 5|	Tz			203.8|	-9.4|	0.0|	204.5|
6- 1|si| 9|	Ty			360.3|	0.0|	32.6|	364.7|

PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	15525.1|	-3068.7|	0.0|	14068.3|	0.6|	-275.0|
7- 1|	14456.6|	290.3|	0.0|	11426.5|	-47.4|	-229.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	472.0|	0.0|	0.0|	472.0|
7- 1|si| 5|	Tz			229.2|	-8.4|	0.0|	229.6|
6- 1|si| 9|	Ty			360.3|	0.0|	33.6|	364.9|

PROGR. 149.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	9591.0|	-3082.1|	0.0|	14068.3|	0.6|	-283.5|
5- 1|	10056.5|	-767.6|	0.0|	13105.8|	-13.8|	-269.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	445.3|	0.0|	0.0|	445.3|
5- 1|si| 5|	Tz			289.2|	-7.8|	0.0|	289.5|
6- 1|si| 9|	Ty			360.3|	0.0|	34.6|	365.2|

PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	3478.2|	-3095.6|	0.0|	14068.3|	0.6|	-291.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	417.8|	0.0|	0.0|	417.8|
6- 1|si| 6|	Tz			355.1|	7.7|	0.0|	355.3|
6- 1 si 9	Ty			360.3	0.0	35.7	365.5

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

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----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	3478.2	-3095.6	0.0	4170.9	0.6	213.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|Sx			Si|	163.2|	0.0|	0.0|	163.2|
6- 1|si| 5|	Tz			82.4|	5.7|	0.0|	83.0|
6- 1|si| 9|	Ty			105.7|	0.0|	-26.1|	115.0|

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	7926.4|	-3109.0|	0.0|	4170.9|	0.6|	205.1|
5- 1	8549.1	-790.1	0.0	4010.2	14.9	198.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

6-1	si	3	Sx	Si	183.6	0.0	0.0	183.6
5-1	si	5	Tz		62.1	6.0	0.0	62.9
6-1	si	9	Ty		105.7	0.0	-25.1	114.3

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12195.9	-3122.5	0.0	4170.9	0.6	196.7
7-1	11802.0	257.3	0.0	3176.1	48.2	166.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	203.1	0.0	203.1	
7-1	si	5	Tz		29.0	6.8	0.0	31.3
6-1	si	9	Ty		105.7	0.0	-24.0	113.6

----- PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	16286.5	-3135.9	0.0	4170.9	0.6	188.3
7-1	15260.1	-1020.9	0.0	3176.1	72.1	158.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	221.8	0.0	0.0	221.8
7-1	si	5	Tz		9.5	7.7	0.0	16.5
6-1	si	9	Ty		105.7	0.0	-23.0	113.0

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	20198.4	-3149.4	0.0	4170.9	0.6	179.9
7-1	18539.3	-2807.2	0.0	3176.1	96.0	150.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	239.7	0.0	0.0	239.7
7-1	si	5	Tz		-10.5	8.7	0.0	18.4
6-1	si	9	Ty		105.7	0.0	-22.0	112.4

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	24024.3	-4492.8	0.0	4010.2	72.2	165.2
7-1	21639.8	-5101.5	0.0	3176.1	119.9	141.7
6-1	23931.5	-3162.8	0.0	4170.9	0.6	171.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	3	Sx	Si	270.4	0.0	0.0	270.4
7-1	si	5	Tz		-31.3	9.7	0.0	35.5
6-1	si	9	Ty		105.7	0.0	-20.9	111.8

----- PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	27446.1	-6180.4	0.0	4010.2	86.6	156.8
7-1	24561.4	-7903.8	0.0	3176.1	143.8	133.3
6-1	27485.7	-3176.3	0.0	4170.9	0.6	163.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	si	3	Sx	Si	307.8	0.0	0.0	307.8
7-1	si	5	Tz		-52.7	10.6	0.0	55.8
6-1	si	9	Ty		105.7	0.0	-19.9	111.2

----- PROGR. 149.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	27304.3	-11214.1	0.0	3176.1	167.7	124.9
6-1	30861.2	-3189.7	0.0	4170.9	0.6	154.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7-1	si	3	Sx	Si	351.1	0.0	0.0	351.1
7-1	si	5	Tz		-74.8	11.6	0.0	77.5
6-1	si	9	Ty		105.7	0.0	-18.9	110.6

----- PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	29868.4	-15032.4	0.0	3176.1	191.6	116.5
6-1	34057.9	-3203.2	0.0	4170.9	0.6	146.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7-1	si	3	Sx	Si	412.3	0.0	0.0	412.3
7-1	si	5	Tz		-97.6	12.5	0.0	100.0
6-1	si	9	Ty		105.7	0.0	-17.9	110.1

VERIFICA STABILITA` :

|L0 = 170.1
 Z |Lc = 170.1 |Ro = 6.57 |Im = 25.9 |Ncr = 1202963.6 |alfa(b) = 0.3400 |ki = 0.9648 |
 Y |Lc = 170.1 |Ro = 3.98 |Im = 42.7 |Ncr = 441546.5 |alfa(c) = 0.4900 |ki = 0.8474 |
 Caso12- 5 - Nodo 1 - Asse Y
 Ned = -1001.4 |Mzeq = 4961.7 |Myeq = -878.9 |Ss = -64.3 (0.025)

P_HEA160_S018 (18) stato limite ultimo - ASTA (662- 812) 1439
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	29868.4	-15032.4	0.0	875.5	-235.5	-264.8
6-1	34057.9	-3203.2	0.0	719.0	-9.4	-313.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7-1	si	3	Sx	Si	353.2	0.0	0.0	353.2
7-1	si	5	Tz		-156.8	-18.6	0.0	160.0
6-1	si	9	Ty		16.9	0.0	38.2	68.4

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	24152.8	-10282.8	0.0	875.5	-211.6	-273.2

Copertura area carburante - Relazione di calcolo

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| 6- 1|      27314.3| -3003.0|      0.0|      719.0|      -9.4| -321.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 3|Sx  Si|      265.6|      0.0|      0.0|      265.6|
| 7- 1|si| 5|  Tz |      -117.0|     -17.7|      0.0|      120.9|
| 6- 1|si| 9|  Ty |      17.0|      0.0|      39.3|      70.1|
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PROGR. 42.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      20501.7| -4894.1|      0.0|     1073.2|     -116.9|     -320.2|
| 7- 1|      18258.5| -6041.2|      0.0|      875.5|     -187.7|     -281.6|
| 6- 1|      20391.9| -2802.8|      0.0|      719.0|      -9.4|     -330.0|

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|      184.1|      0.0|      0.0|      184.1|
| 7- 1|si| 5|  Tz |      -77.9|     -16.7|      0.0|      83.1|
| 6- 1|si| 9|  Ty |      17.1|      0.0|      40.3|      71.9|
-----
PROGR. 64.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      13607.7| -2563.3|      0.0|     1073.2|     -102.5|     -328.6|
| 7- 1|      12185.4| -2307.7|      0.0|      875.5|     -163.7|     -290.0|
| 6- 1|      13290.8| -2602.6|      0.0|      719.0|      -9.4|     -338.4|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|      122.6|      0.0|      0.0|      122.6|
| 7- 1|si| 5|  Tz |      -39.4|     -15.7|      0.0|      48.0|
| 6- 1|si| 9|  Ty |      17.2|      0.0|      41.3|      73.6|
-----
PROGR. 85.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-16|      3697.4| -1382.6|      0.0|     2485.9|      11.2|     -94.7|
| 7- 1|      5933.5|      917.9|      0.0|      875.5|     -139.8|     -298.4|
| 6- 1|      6010.8| -2402.4|      0.0|      719.0|      -9.4|     -346.8|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-16|si| 3|Sx  Si|      98.6|      0.0|      0.0|      98.6|
| 7- 1|si| 5|  Tz |      -1.7|     -14.8|      0.0|      25.7|
| 6- 1|si| 9|  Ty |      17.3|      0.0|      42.4|      75.4|
-----
PROGR. 106.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 2|      -660.4| -6247.9|      0.0|     -1081.3|      104.8|     -84.3|
| 7- 1|      -497.2|      3635.4|      0.0|      875.5|     -115.9|     -306.8|
| 6- 1|      -1448.0| -2202.2|      0.0|      719.0|      -9.4|     -355.2|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 2|si| 4|Sx  Si|     -112.0|      0.0|      0.0|     112.0|
| 7- 1|si| 5|  Tz |      35.4|     -13.8|      0.0|      42.7|
| 6- 1|si| 9|  Ty |      17.4|      0.0|      43.4|      77.1|
-----
PROGR. 128.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 2|      -2540.8| -8219.9|      0.0|     -1081.3|      80.8|     -92.7|
| 7- 1|      -7106.7|      5845.0|      0.0|      875.5|     -92.0|     -315.2|
| 6- 1|      -9085.5| -2002.0|      0.0|      719.0|      -9.4|     -363.6|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 2|si| 4|Sx  Si|     -146.1|      0.0|      0.0|     146.1|
| 7- 1|si| 5|  Tz |      71.8|     -12.9|      0.0|      75.2|
| 6- 1|si| 9|  Ty |      17.5|      0.0|      44.4|      78.9|
-----
PROGR. 149.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      -13895.1|      7546.5|      0.0|      875.5|     -68.1|     -323.7|
| 6- 1|      -16901.9| -1801.8|      0.0|      719.0|      -9.4|     -372.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 1|Sx  Si|      183.5|      0.0|      0.0|      183.5|
| 7- 1|si| 5|  Tz |      107.5|     -11.9|      0.0|      109.5|
| 6- 1|si| 9|  Ty |      17.6|      0.0|      45.4|      80.7|
-----
PROGR. 170.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      -20862.2|      8740.1|      0.0|      875.5|     -44.2|     -332.1|
| 5- 1|      -23544.3|      4518.7|      0.0|     1073.2|     -30.8|     -370.7|
| 6- 1|      -24897.0| -1601.6|      0.0|      719.0|      -9.4|     -380.4|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 1|Sx  Si|      230.6|      0.0|      0.0|      230.6|
| 5- 1|si| 5|  Tz |      147.5|     -11.3|      0.0|      148.8|
| 6- 1|si| 9|  Ty |      17.7|      0.0|      46.5|      82.4|
-----
PROGR.

```

VERIFICA STABILITA` :

```

|L0 = 170. |
Z |Lc = 170. |Ro = 6.57|lm = 25.9|Ncr= 1202963.6|alfa(b)=0.3400|ki=0.9648|
Y |Lc = 170. |Ro = 3.98|lm = 42.7|Ncr= 441546.5|alfa(c)=0.4900|ki=0.8474|
Caso 7- 2 - Nodo 3 - Asse Y
Ned = -1081.3|Mzeq = -5128.5|Myeq = 8424.4|Ss = -165.8 ( 0.063)

```

```

P_HEA160_S018 ( 18) stato limite ultimo - ASTA ( 812- 363) 1440
-----
PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      -24897.0| -1601.6|      0.0|     -55094.6|      -9.4|     180.1|
| 7- 1|      -20862.2|      8740.1|      0.0|     -48654.6|     -44.2|     156.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |

```

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 4|Sx	Si	-1550.4|	0.0|	0.0|	1550.4|			
| 7- 1|si| 6| Tz		-1182.2|	-6.3|	0.0|	1182.3|			
| 6- 1|si| 9| Ty		-1417.6|	0.0|	-22.0|	1418.1|			
-----							PROGR.	21.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-19975.4|	5020.6|	0.0|	-53741.9|	-16.5|	163.7|		
| 6- 1|	-21159.1|	-1401.4|	0.0|	-55094.6|	-9.4|	171.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	-1537.7|	0.0|	0.0|	1537.7|			
| 5- 1|si| 6| Tz		-1306.2|	-5.1|	0.0|	1306.2|			
| 6- 1|si| 9| Ty		-1417.5|	0.0|	-21.0|	1417.9|			
-----							PROGR.	42.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-16585.4|	5217.8|	0.0|	-53741.9|	-2.1|	155.3|		
| 6- 1|	-17600.0|	-1201.2|	0.0|	-55094.6|	-9.4|	163.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	-1524.9|	0.0|	0.0|	1524.9|			
| 6- 1|si| 6| Tz		-1333.5|	-4.8|	0.0|	1333.6|			
| 6- 1|si| 9| Ty		-1417.4|	0.0|	-19.9|	1417.8|			
-----							PROGR.	64.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-13374.2|	5110.2|	0.0|	-53741.9|	12.2|	146.9|		
| 7- 1|	-11697.9|	9272.6|	0.0|	-48654.6|	27.5|	131.1|		
| 6- 1|	-14219.7|	-1001.0|	0.0|	-55094.6|	-9.4|	154.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	-1509.0|	0.0|	0.0|	1509.0|			
| 7- 1|si| 5| Tz		-1171.1|	4.8|	0.0|	1171.1|			
| 6- 1|si| 9| Ty		-1417.3|	0.0|	-18.9|	1417.6|			
-----							PROGR.	85.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-10341.7|	4697.8|	0.0|	-53741.9|	26.6|	138.5|		
| 7- 1|	-9000.7|	8434.1|	0.0|	-48654.6|	51.4|	122.7|		
| 6- 1|	-11018.1|	-800.8|	0.0|	-55094.6|	-9.4|	146.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	-1489.9|	0.0|	0.0|	1489.9|			
| 7- 1|si| 5| Tz		-1185.7|	5.8|	0.0|	1185.8|			
| 6- 1|si| 9| Ty		-1417.2|	0.0|	-17.9|	1417.5|			
-----							PROGR.	106.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-7488.1|	3980.5|	0.0|	-53741.9|	40.9|	130.1|		
| 7- 1|	-6482.3|	7087.6|	0.0|	-48654.6|	75.3|	114.3|		
| 6- 1|	-7995.4|	-600.6|	0.0|	-55094.6|	-9.4|	138.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|si| 3|Sx	Si	-1467.6|	0.0|	0.0|	1467.6|			
| 7- 1|si| 5| Tz		-1201.1|	6.7|	0.0|	1201.1|			
| 6- 1|si| 9| Ty		-1417.1|	0.0|	-16.9|	1417.4|			
-----							PROGR.	128.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	-5151.5|	-400.4|	0.0|	-55094.6|	-9.4|	129.6|		
| 7- 1|	-4142.8|	5233.1|	0.0|	-48654.6|	99.2|	105.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	-1445.3|	0.0|	0.0|	1445.3|			
| 7- 1|si| 5| Tz		-1217.1|	7.7|	0.0|	1217.2|			
| 6- 1|si| 9| Ty		-1417.0|	0.0|	-15.8|	1417.2|			
-----							PROGR.	149.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	-2486.3|	-200.2|	0.0|	-55094.6|	-9.4|	121.2|		
| 7- 1|	-1982.0|	2870.5|	0.0|	-48654.6|	123.1|	97.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	-1430.6|	0.0|	0.0|	1430.6|			
| 7- 1|si| 5| Tz		-1233.8|	8.7|	0.0|	1233.9|			
| 6- 1|si| 9| Ty		-1416.9|	0.0|	-14.8|	1417.1|			
-----							PROGR.	170.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-55094.6|	-9.4|	112.8|		
| 7- 1|	0.0|	0.0|	0.0|	-48654.6|	147.0|	89.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	Si	-1416.8|	0.0|	0.0|	1416.8|			
| 7- 1|si| 5| Tz		-1251.2|	9.6|	0.0|	1251.3|			
| 6- 1|si| 9| Ty		-1416.8|	0.0|	-13.8|	1417.0|			
-----							PROGR.	0.
VERIFICA STABILITA` :								
|L0 =	170.0|							
Z |Lc =	170.0|Ro =	6.57|lm =	25.9|Ncr=	1202963.6|alfa(b)=	0.3400|ki=	0.9648|		
Y |Lc =	170.0|Ro =	3.98|lm =	42.7|Ncr=	441546.5|alfa(c)=	0.4900|ki=	0.8474|		
Caso 5- 1 - Nodo 3 - Asse Y								
Ned =	-53741.9|Mzeq =	-17658.2|Myeq =	5050.4|Ss =	-1789.4	(0.683)			
P_HEA160_S018 (18) stato limite ultimo - ASTA (363- 814) 1443								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		

Copertura area carburante - Relazione di calcolo

| 5- 1|	0.0|	0.0|	0.0|	-51841.9|	-76.3|	-64.3|
| 7- 1|	0.0|	0.0|	0.0|	-47119.5|	-134.8|	-52.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-1333.1|	0.0|	0.0|	1333.1|
| 7- 1|si| 5| Tz |	-1211.7|	-8.0|	0.0|	1211.8|
| 5- 1|si| 9| TySi|	-1333.1|	0.0|	7.9|	1333.2|

----- PROGR. 20.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-1355.1|	1382.5|	0.0|	-51841.9|	-62.9|	-72.2|
| 7- 1|	-1112.9|	2454.9|	0.0|	-47119.5|	-112.5|	-60.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1357.2|	0.0|	0.0|	1357.2|
| 7- 1|si| 5| Tz |	-1199.5|	-7.1|	0.0|	1199.5|
| 5- 1|si| 9| Ty |	-1332.5|	0.0|	8.8|	1332.6|

----- PROGR. 40.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-2866.1|	2499.0|	0.0|	-51841.9|	-49.5|	-80.1|
| 7- 1|	-2381.7|	4466.4|	0.0|	-47119.5|	-90.2|	-67.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1378.6|	0.0|	0.0|	1378.6|
| 7- 1|si| 5| Tz |	-1187.9|	-6.2|	0.0|	1187.9|
| 5- 1|si| 9| Ty |	-1331.9|	0.0|	9.8|	1332.0|

----- PROGR. 60.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-4533.2|	3349.5|	0.0|	-51841.9|	-36.1|	-87.9|
| 11-16|	-2014.8|	-5185.5|	0.0|	-13459.6|	87.1|	-42.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1397.2|	0.0|	0.0|	1397.2|
| 11-16|si| 6| Tz |	-321.8|	5.4|	0.0|	322.0|
| 5- 1|si| 9| Ty |	-1331.5|	0.0|	10.7|	1331.6|

----- PROGR. 79.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-6356.3|	3934.1|	0.0|	-51841.9|	-22.7|	-95.8|
| 11-16|	-2926.5|	-6914.0|	0.0|	-13459.6|	87.1|	-48.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1413.1|	0.0|	0.0|	1413.1|
| 11-16|si| 6| Tz |	-312.6|	5.6|	0.0|	312.8|
| 5- 1|si| 9| Ty |	-1331.2|	0.0|	11.7|	1331.4|

----- PROGR. 99.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-8335.4|	4252.7|	0.0|	-51841.9|	-9.4|	-103.6|
| 11-16|	-3958.1|	-8642.5|	0.0|	-13459.6|	87.1|	-55.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1426.2|	0.0|	0.0|	1426.2|
| 11-16|si| 6| Tz |	-302.9|	5.8|	0.0|	303.1|
| 5- 1|si| 9| Ty |	-1331.1|	0.0|	12.7|	1331.2|

----- PROGR. 119.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-10470.5|	4305.3|	0.0|	-51841.9|	4.0|	-111.5|
| 11-16|	-5109.8|	-10371.0|	0.0|	-13459.6|	87.1|	-61.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1436.5|	0.0|	0.0|	1436.5|
| 11-16|si| 6| Tz |	-292.6|	5.9|	0.0|	292.8|
| 5- 1|si| 9| Ty |	-1331.0|	0.0|	13.6|	1331.2|

----- PROGR. 139.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-12761.7|	4092.0|	0.0|	-51841.9|	17.4|	-119.4|
| 11-16|	-6381.4|	-12099.5|	0.0|	-13459.6|	87.1|	-67.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1444.1|	0.0|	0.0|	1444.1|
| 11-16|si| 6| Tz |	-281.8|	6.1|	0.0|	282.0|
| 5- 1|si| 9| Ty |	-1331.1|	0.0|	14.6|	1331.4|

----- PROGR. 159.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-15208.8|	3612.7|	0.0|	-51841.9|	30.8|	-127.2|
| 11-16|	-7773.1|	-13828.0|	0.0|	-13459.6|	87.1|	-73.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1449.0|	0.0|	0.0|	1449.0|
| 11-16|si| 6| Tz |	-270.5|	6.2|	0.0|	270.7|
| 5- 1|si| 9| Ty |	-1331.4|	0.0|	15.5|	1331.7|

VERIFICA STABILITA` :

|L0 = 159. |
 Z |Lc = 159. |Ro = 6.57|lm = 24.2|Ncr= 1378635.1|alfa(b)=0.3400|ki=0.9719|
 Y |Lc = 159. |Ro = 3.98|lm = 39.9|Ncr= 506026.5|alfa(c)=0.4900|ki=0.8653|
 Caso 5- 1 - Nodo 3 - Asse Y
 Ned = -51841.9|Mzeq = -11406.6|Myeq = 4192.3|Ss = -1655.1 (0.632)

P_HEA160_S018 (18) stato limite ultimo - ASTA (814- 696) 1444
 ----- PROGR. 0.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	-15122.1	-1606.3	0.0	20670.0	10.1	442.5
| 5- 1 |	-15208.8	3612.7	0.0	19400.8	30.8	432.7
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si| 2|Sx	Si	620.9	0.0	0.0	620.9
| 5- 1 |	si| 5| Tz		578.4	13.0	0.0	578.8
| 6- 1 |	si| 9| Ty		530.8	0.0	-54.0	538.9
----- PROGR. 20.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	-6416.6	-1807.1	0.0	20670.0	10.1	434.6
| 5- 1 |	-6697.3	2867.4	0.0	19400.8	44.2	424.9
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si| 2|Sx	Si	584.1	0.0	0.0	584.1
| 5- 1 |	si| 5| Tz		537.6	13.4	0.0	538.1
| 6- 1 |	si| 9| Ty		530.7	0.0	-53.1	538.6
----- PROGR. 40.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	2132.8	-2007.9	0.0	20670.0	10.1	426.8
| 7- 1 |	1762.6	4601.1	0.0	17097.0	88.5	370.8
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si| 3|Sx	Si	567.3	0.0	0.0	567.3
| 7- 1 |	si| 5| Tz		445.1	14.2	0.0	445.8
| 6- 1 |	si| 9| Ty		530.6	0.0	-52.1	538.2
----- PROGR. 60.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	10526.3	-2208.7	0.0	20670.0	10.1	418.9
| 7- 1 |	9045.4	2623.2	0.0	17097.0	110.8	363.0
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si| 3|Sx	Si	607.9	0.0	0.0	607.9
| 7- 1 |	si| 5| Tz		406.3	15.1	0.0	407.2
| 6- 1 |	si| 9| Ty		530.5	0.0	-51.2	537.8
----- PROGR. 79.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	18763.7	-2409.5	0.0	20670.0	10.1	411.1
| 7- 1 |	16172.3	202.1	0.0	17097.0	133.1	355.1
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si| 3|Sx	Si	647.9	0.0	0.0	647.9
| 7- 1 |	si| 5| Tz		367.0	16.0	0.0	368.0
| 6- 1 |	si| 9| Ty		530.4	0.0	-50.2	537.4
----- PROGR. 99.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	26845.1	-2610.2	0.0	20670.0	10.1	403.2
| 7- 1 |	23143.2	-2662.4	0.0	17097.0	155.5	347.2
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si| 3|Sx	Si	687.1	0.0	0.0	687.1
| 7- 1 |	si| 5| Tz		327.0	16.8	0.0	328.3
| 6- 1 |	si| 9| Ty		530.3	0.0	-49.2	537.1
----- PROGR. 119.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	34770.5	-2811.0	0.0	20670.0	10.1	395.3
| 7- 1 |	29958.0	-5970.1	0.0	17097.0	177.8	339.4
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	si| 3|Sx	Si	725.6	0.0	0.0	725.6
| 7- 1 |	si| 5| Tz		286.5	17.7	0.0	288.1
| 6- 1 |	si| 9| Ty		530.2	0.0	-48.3	536.7
----- PROGR. 139.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	41095.5	-7189.4	0.0	19400.8	124.6	377.7
| 7- 1 |	36616.8	-9721.1	0.0	17097.0	200.1	331.5
| 6- 1 |	42539.8	-3011.8	0.0	20670.0	10.1	387.5
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 3|Sx	Si	778.5	0.0	0.0	778.5
| 7- 1 |	si| 5| Tz		245.3	18.6	0.0	247.4
| 6- 1 |	si| 9| Ty		530.1	0.0	-47.3	536.4
----- PROGR. 159.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	48514.9	-9796.4	0.0	19400.8	138.0	369.8
| 7- 1 |	43119.6	-13915.4	0.0	17097.0	222.5	323.7
| 6- 1 |	50153.2	-3212.6	0.0	20670.0	10.1	379.6
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 3|Sx	Si	846.0	0.0	0.0	846.0
| 7- 1 |	si| 5| Tz		203.6	19.5	0.0	206.4
| 6- 1 |	si| 9| Ty		530.0	0.0	-46.4	536.0

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18) stato limite ultimo - ASTA (696- 816) 1447
----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	48514.9	-9796.4	0.0	16818.7	-125.0	-129.1
| 7- 1 |	43119.6	-13915.4	0.0	14883.8	-198.7	-106.6

Copertura area carburante - Relazione di calcolo

6-1	50153.2	-3212.6	0.0	17885.0	-12.8	-143.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5-1	si	3	Sx	Si	0.0	0.0
7-1	si	5	Tz		-12.6	0.0
6-1	si	9	Ty		458.4	0.0

20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	45874.4	-7447.9	0.0	16818.7	-111.6	-137.0
7-1	40925.1	-10193.5	0.0	14883.8	-176.3	-114.5
6-1	47236.7	-2957.9	0.0	17885.0	-12.8	-150.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	Si	737.1	0.0	0.0
7-1	si	5	Tz		167.5	-11.7	0.0
6-1	si	9	Ty		458.5	0.0	18.4

40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	43077.9	-5365.4	0.0	16818.7	-98.2	-144.8
7-1	38574.6	-6914.9	0.0	14883.8	-154.0	-122.3
6-1	44164.2	-2703.2	0.0	17885.0	-12.8	-158.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	Si	697.4	0.0	0.0
7-1	si	5	Tz		187.8	-10.8	0.0
6-1	si	9	Ty		458.6	0.0	19.4

60.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	40935.7	-2448.5	0.0	17885.0	-12.8	-166.6
7-1	36068.1	-4079.5	0.0	14883.8	-131.7	-130.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	677.2	0.0	0.0
7-1	si	5	Tz		207.4	-9.9	0.0
6-1	si	9	Ty		458.7	0.0	20.3

79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	37551.1	-2193.8	0.0	17885.0	-12.8	-174.4
7-1	33405.5	-1687.4	0.0	14883.8	-109.3	-138.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	658.6	0.0	0.0
7-1	si	5	Tz		226.5	-9.0	0.0
6-1	si	9	Ty		458.9	0.0	21.3

99.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	34010.6	-1939.0	0.0	17885.0	-12.8	-182.3
7-1	30587.0	261.4	0.0	14883.8	-87.0	-145.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	639.2	0.0	0.0
7-1	si	5	Tz		244.9	-8.1	0.0
6-1	si	9	Ty		459.0	0.0	22.3

119.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	30314.0	-1684.3	0.0	17885.0	-12.8	-190.2
7-1	27612.4	1766.9	0.0	14883.8	-64.7	-153.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	619.2	0.0	0.0
7-1	si	5	Tz		262.8	-7.3	0.0
6-1	si	9	Ty		459.1	0.0	23.2

139.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	26461.4	-1429.6	0.0	17885.0	-12.8	-198.0
5-1	26755.3	1057.6	0.0	16818.7	-31.2	-184.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	598.4	0.0	0.0
5-1	si	5	Tz		314.4	-6.4	0.0
6-1	si	9	Ty		459.2	0.0	24.2

159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	22452.8	-1174.9	0.0	17885.0	-12.8	-205.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	576.9	0.0	0.0
6-1	si	5	Tz		354.8	-6.1	0.0
6-1	si	9	Ty		459.3	0.0	25.1

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18)	stato limite ultimo	- ASTA (816- 698)	1448
			0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	23022.8	1544.3	0.0	45743.2	-17.8	349.4
6-1	22452.8	-1174.9	0.0	46012.0	-12.8	354.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	1300.7	0.0	0.0

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6|	Tz	|	1067.5|	-10.1|	0.0|	1067.6|		
| 6- 1|si| 9|	Ty	|	1182.6|	0.0|	-43.3|	1185.0|		
-----							PROGR.	20.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	29879.7|	|	1765.1|	|	0.0|	|	45743.2|	|
| 6- 1|	29409.2|	|	-920.2|	|	0.0|	|	46012.0|	|
-----							PROGR.	40.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	Si	|	1334.6|	|	0.0|	|	0.0|	|
| 6- 1|si| 6|	Tz	|	1052.7|	|	-9.8|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1182.8|	|	0.0|	|	-42.3|	|
-----							PROGR.	40.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	36580.7|	|	1719.8|	|	0.0|	|	45743.2|	|
| 6- 1|	36209.6|	|	-665.5|	|	0.0|	|	46012.0|	|
-----							PROGR.	60.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	Si	|	1364.4|	|	0.0|	|	0.0|	|
| 6- 1|si| 6|	Tz	|	1021.1|	|	-9.6|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1182.9|	|	0.0|	|	-41.4|	|
-----							PROGR.	60.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	43125.6|	|	1408.7|	|	0.0|	|	45743.2|	|
| 7- 1|	39147.5|	|	2645.4|	|	0.0|	|	40878.7|	|
| 6- 1|	42853.9|	|	-410.8|	|	0.0|	|	46012.0|	|
-----							PROGR.	79.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	Si	|	1390.0|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	881.6|	|	10.0|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.0|	|	0.0|	|	-40.4|	|
-----							PROGR.	79.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	49514.6|	|	831.5|	|	0.0|	|	45743.2|	|
| 7- 1|	44819.5|	|	1491.3|	|	0.0|	|	40878.7|	|
| 6- 1|	49342.3|	|	-156.1|	|	0.0|	|	46012.0|	|
-----							PROGR.	99.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	Si	|	1411.5|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	852.5|	|	10.9|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.1|	|	0.0|	|	-39.4|	|
-----							PROGR.	99.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	55674.6|	|	98.7|	|	0.0|	|	46012.0|	|
| 7- 1|	50335.6|	|	-106.1|	|	0.0|	|	40878.7|	|
-----							PROGR.	119.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 4|Sx	Si	|	1436.8|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	822.8|	|	11.8|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.3|	|	0.0|	|	-38.5|	|
-----							PROGR.	119.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	61824.4|	|	-1120.7|	|	0.0|	|	45743.2|	|
| 7- 1|	55695.6|	|	-2146.7|	|	0.0|	|	40878.7|	|
| 6- 1|	61850.9|	|	353.4|	|	0.0|	|	46012.0|	|
-----							PROGR.	139.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	1471.0|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	792.6|	|	12.7|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.4|	|	0.0|	|	-37.5|	|
-----							PROGR.	139.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	67745.3|	|	-2495.7|	|	0.0|	|	45743.2|	|
| 7- 1|	60899.6|	|	-4630.7|	|	0.0|	|	40878.7|	|
| 6- 1|	67871.2|	|	608.1|	|	0.0|	|	46012.0|	|
-----							PROGR.	159.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	1515.7|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	761.7|	|	13.6|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.5|	|	0.0|	|	-36.6|	|
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	73510.1|	|	-4136.8|	|	0.0|	|	45743.2|	|
| 7- 1|	65947.6|	|	-7557.9|	|	0.0|	|	40878.7|	|
| 6- 1|	73735.5|	|	862.8|	|	0.0|	|	46012.0|	|
-----							PROGR.	159.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	1563.1|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	730.3|	|	14.4|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.6|	|	0.0|	|	-35.6|	|
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	73510.1|	|	-4136.8|	|	0.0|	|	44362.2|	|
| 7- 1|	65947.6|	|	-7557.9|	|	0.0|	|	39896.0|	|
| 6- 1|	73735.5|	|	862.8|	|	0.0|	|	44192.5|	|
-----							PROGR.	0.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	1515.7|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	761.7|	|	13.6|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.5|	|	0.0|	|	-36.6|	|
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	73510.1|	|	-4136.8|	|	0.0|	|	44362.2|	|
| 7- 1|	65947.6|	|	-7557.9|	|	0.0|	|	39896.0|	|
| 6- 1|	73735.5|	|	862.8|	|	0.0|	|	44192.5|	|
-----							PROGR.	0.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	1515.7|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	761.7|	|	13.6|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.5|	|	0.0|	|	-36.6|	|
-----							PROGR.	0.

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18) stato limite ultimo - ASTA (698- 818) 1451

PROGR. 0.

SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	73510.1|	|	-4136.8|	|	0.0|	|	44362.2|	|
| 7- 1|	65947.6|	|	-7557.9|	|	0.0|	|	39896.0|	|
| 6- 1|	73735.5|	|	862.8|	|	0.0|	|	44192.5|	|
-----							PROGR.	0.
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 3|Sx	Si	|	1515.7|	|	0.0|	|	0.0|	|
| 7- 1|si| 5|	Tz	|	761.7|	|	13.6|	|	0.0|	|
| 6- 1|si| 9|	Ty	|	1183.5|	|	0.0|	|	-36.6|	|
-----							PROGR.	0.

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 3|Sx	Si	1527.6|	0.0|	0.0|	1527.6|
| 7- 1|si| 5| Tz		705.0|	-13.2|	0.0|	705.4|
| 6- 1|si| 9| Ty		1136.9|	0.0|	30.2|	1138.1|

PROGR.

20.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	68619.3|	-2603.1|	0.0|	44362.2|	-70.6|	-250.3|
| 7- 1|	61639.2|	-4734.3|	0.0|	39896.0|	-131.1|	-221.0|
| 6- 1|	68745.4|	513.9|	0.0|	44192.5|	17.6|	-255.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1485.5|	0.0|	0.0|	1485.5|
| 7- 1|si| 5| Tz		732.8|	-12.3|	0.0|	733.1|
| 6- 1|si| 9| Ty		1136.7|	0.0|	31.2|	1138.0|

PROGR.

40.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	63572.4|	-1335.4|	0.0|	44362.2|	-57.2|	-258.2|
| 7- 1|	57174.7|	-2354.1|	0.0|	39896.0|	-108.7|	-228.8|
| 6- 1|	63599.3|	165.1|	0.0|	44192.5|	17.6|	-263.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1446.2|	0.0|	0.0|	1446.2|
| 7- 1|si| 5| Tz		760.0|	-11.4|	0.0|	760.3|
| 6- 1|si| 9| Ty		1136.5|	0.0|	32.1|	1137.9|

PROGR.

60.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	58369.5|	-333.6|	0.0|	44362.2|	-43.8|	-266.0|
| 7- 1|	52554.3|	-417.0|	0.0|	39896.0|	-86.4|	-236.7|
| 6- 1|	58297.2|	-183.8|	0.0|	44192.5|	17.6|	-271.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	1409.6|	0.0|	0.0|	1409.6|
| 7- 1|si| 5| Tz		786.6|	-10.5|	0.0|	786.8|
| 6- 1|si| 9| Ty		1136.3|	0.0|	33.1|	1137.8|

PROGR.

79.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	53010.5|	402.2|	0.0|	44362.2|	-30.4|	-273.9|
| 7- 1|	47777.8|	1076.7|	0.0|	39896.0|	-64.1|	-244.6|
| 6- 1|	52839.0|	-532.6|	0.0|	44192.5|	17.6|	-278.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	1386.2|	0.0|	0.0|	1386.2|
| 7- 1|si| 5| Tz		812.6|	-9.6|	0.0|	812.8|
| 6- 1|si| 9| Ty		1136.2|	0.0|	34.1|	1137.7|

PROGR.

99.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	47495.6|	872.0|	0.0|	44362.2|	-17.0|	-281.8|
| 7- 1|	42845.3|	2127.2|	0.0|	39896.0|	-41.8|	-252.4|
| 6- 1|	47224.9|	-881.5|	0.0|	44192.5|	17.6|	-286.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	1367.3|	0.0|	0.0|	1367.3|
| 7- 1|si| 5| Tz		838.0|	-8.7|	0.0|	838.2|
| 6- 1|si| 9| Ty		1136.0|	0.0|	35.0|	1137.6|

PROGR.

119.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	41824.6|	1075.9|	0.0|	44362.2|	-3.6|	-289.6|
| 6- 1|	41454.7|	-1230.3|	0.0|	44192.5|	17.6|	-294.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	1344.3|	0.0|	0.0|	1344.3|
| 6- 1|si| 6| Tz		952.2|	8.7|	0.0|	952.3|
| 6- 1|si| 9| Ty		1135.8|	0.0|	36.0|	1137.5|

PROGR.

139.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	35528.5|	-1579.2|	0.0|	44192.5|	17.6|	-302.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	1317.9|	0.0|	0.0|	1317.9|
| 6- 1|si| 6| Tz		980.1|	8.9|	0.0|	980.2|
| 6- 1|si| 9| Ty		1135.7|	0.0|	36.9|	1137.5|

PROGR.

159.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	29446.3|	-1928.0|	0.0|	44192.5|	17.6|	-310.3|
| 5- 1|	30014.7|	685.7|	0.0|	44362.2|	23.2|	-305.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	1294.9|	0.0|	0.0|	1294.9|
| 5- 1|si| 6| Tz		1002.8|	9.2|	0.0|	1002.9|
| 6- 1|si| 9| Ty		1135.5|	0.0|	37.9|	1137.4|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18) stato limite ultimo - ASTA (818- 700) 1452
PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	30014.7|	685.7|	0.0|	35091.6|	23.2|	241.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	1047.3|	0.0|	0.0|	1047.3|
| 5- 1|si| 5| Tz		768.4|	7.5|	0.0|	768.5|

Copertura area carburante - Relazione di calcolo

5- 1 si 9	Ty	902.7	0.0	-29.5	904.2	20.
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SOLLECITAZIONI :
----- PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	34106.8	-2276.9	0.0	34113.2	17.6	230.9
| 5- 1|	34737.5|	91.7|	0.0|	35091.6|	36.6|	234.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 6- 1|si| 3|Sx	Si	| 1061.4|	0.0|	0.0|	1061.4|
| 5- 1|si| 5|	Tz	| 745.3|	8.0|	0.0|	745.4|
| 5- 1|si| 9|	Ty	| 902.4|	0.0|	-28.6|	903.8|

----- PROGR. 40.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	39304.3|	-768.3|	0.0|	35091.6|	50.0|	226.1|
| 7- 1|	35473.1|	730.4|	0.0|	31272.4|	69.9|	202.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 3|Sx	Si	| 1090.5|	0.0|	0.0|	1090.5|
| 7- 1|si| 5|	Tz	| 645.6|	8.8|	0.0|	645.8|
| 5- 1|si| 9|	Ty	| 902.0|	0.0|	-27.6|	903.3|

----- PROGR. 60.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	43715.1|	-1894.3|	0.0|	35091.6|	63.4|	218.3|
| 7- 1|	39419.7|	-878.8|	0.0|	31272.4|	92.2|	194.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 3|Sx	Si	| 1125.1|	0.0|	0.0|	1125.1|
| 7- 1|si| 5|	Tz	| 623.0|	9.7|	0.0|	623.2|
| 5- 1|si| 9|	Ty	| 901.5|	0.0|	-26.7|	902.7|

----- PROGR. 79.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	47969.9|	-3286.2|	0.0|	35091.6|	76.8|	210.4|
| 7- 1|	43210.3|	-2931.3|	0.0|	31272.4|	114.6|	187.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 3|Sx	Si	| 1162.4|	0.0|	0.0|	1162.4|
| 7- 1|si| 5|	Tz	| 599.8|	10.6|	0.0|	600.1|
| 5- 1|si| 9|	Ty	| 900.8|	0.0|	-25.7|	901.9|

----- PROGR. 99.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	52068.7|	-4944.1|	0.0|	35091.6|	90.2|	202.6|
| 7- 1|	46844.9|	-5427.0|	0.0|	31272.4|	136.9|	179.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 3|Sx	Si	| 1202.6|	0.0|	0.0|	1202.6|
| 7- 1|si| 5|	Tz	| 576.1|	11.5|	0.0|	576.4|
| 5- 1|si| 9|	Ty	| 900.0|	0.0|	-24.7|	901.0|

----- PROGR. 119.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	56011.4|	-6868.0|	0.0|	35091.6|	103.6|	194.7|
| 7- 1|	50323.5|	-8366.0|	0.0|	31272.4|	159.2|	171.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 3|Sx	Si	| 1245.4|	0.0|	0.0|	1245.4|
| 7- 1|si| 5|	Tz	| 551.7|	12.4|	0.0|	552.1|
| 5- 1|si| 9|	Ty	| 899.0|	0.0|	-23.8|	900.0|

----- PROGR. 139.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	59798.1|	-9057.8|	0.0|	35091.6|	117.0|	186.8|
| 7- 1|	53646.1|	-11748.3|	0.0|	31272.4|	181.6|	163.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 3|Sx	Si	| 1291.0|	0.0|	0.0|	1291.0|
| 7- 1|si| 5|	Tz	| 526.8|	13.3|	0.0|	527.3|
| 5- 1|si| 9|	Ty	| 898.0|	0.0|	-22.8|	898.9|

----- PROGR. 159.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	63428.9|	-11513.6|	0.0|	35091.6|	130.4|	179.0|
| 7- 1|	56812.6|	-15573.9|	0.0|	31272.4|	203.9|	155.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 3|Sx	Si	| 1339.4|	0.0|	0.0|	1339.4|
| 7- 1|si| 5|	Tz	| 501.2|	14.2|	0.0|	501.8|
| 5- 1|si| 9|	Ty	| 896.8|	0.0|	-21.9|	897.6|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18) stato limite ultimo - ASTA (700- 820) 1455
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	63428.9|	-11513.6|	0.0|	33812.0|	-143.4|	-306.1|
| 7- 1|	56812.6|	-15573.9|	0.0|	30308.9|	-227.5|	-272.1|
| 6- 1|	62361.4|	-4718.8|	0.0|	32428.6|	-14.9|	-308.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 3|Sx	Si	| 1306.5|	0.0|	0.0|	1306.5|
7- 1 si 5	Tz	476.5	-18.4	0.0	477.5
6- 1 si 9	Ty	831.6	0.0	37.6	834.2

----- PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

5- 1	57282.1	-8804.3	0.0	33812.0	-130.0	-314.0
| 7- 1|	51340.1|	-11284.3|	0.0|	30308.9|	-205.2|	-280.0|
| 6- 1|	56173.3|	-4423.9|	0.0|	32428.6|	-14.9|	-316.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	1243.4|	0.0|	0.0|	1243.4|
| 7- 1|si| 5|	Tz |	513.8|	-17.5|	0.0|	514.7|
| 6- 1|si| 9|	Ty |	831.8|	0.0|	38.6|	834.4|

40.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	50979.6|	-6360.3|	0.0|	33812.0|	-116.6|	-321.8|
| 7- 1|	45712.0|	-7436.9|	0.0|	30308.9|	-182.9|	-287.8|
| 6- 1|	49829.7|	-4128.9|	0.0|	32428.6|	-14.9|	-323.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	1183.1|	0.0|	0.0|	1183.1|
| 7- 1|si| 5|	Tz |	550.6|	-16.6|	0.0|	551.3|
| 6- 1|si| 9|	Ty |	831.9|	0.0|	39.6|	834.7|

59.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	44521.6|	-4181.5|	0.0|	33812.0|	-103.2|	-329.7|
| 7- 1|	39928.3|	-4031.7|	0.0|	30308.9|	-160.6|	-295.7|
| 6- 1|	4330.4|	-3834.0|	0.0|	32428.6|	-14.9|	-331.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	1125.5|	0.0|	0.0|	1125.5|
| 7- 1|si| 5|	Tz |	586.7|	-15.7|	0.0|	587.3|
| 6- 1|si| 9|	Ty |	832.0|	0.0|	40.5|	835.0|

79.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	37907.9|	-2268.1|	0.0|	33812.0|	-89.8|	-337.5|
| 7- 1|	33988.9|	-1068.6|	0.0|	30308.9|	-138.3|	-303.5|
| 6- 1|	36675.5|	-3539.1|	0.0|	32428.6|	-14.9|	-339.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	1070.7|	0.0|	0.0|	1070.7|
| 7- 1|si| 5|	Tz |	622.3|	-14.8|	0.0|	622.8|
| 6- 1|si| 9|	Ty |	832.2|	0.0|	41.5|	835.3|

99.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	31138.6|	-620.0|	0.0|	33812.0|	-76.4|	-345.4|
| 7- 1|	27893.9|	1452.3|	0.0|	30308.9|	-116.0|	-311.4|
| 6- 1|	29865.0|	-3244.2|	0.0|	32428.6|	-14.9|	-347.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si |	1018.6|	0.0|	0.0|	1018.6|
| 7- 1|si| 5|	Tz |	657.3|	-14.0|	0.0|	657.7|
| 6- 1|si| 9|	Ty |	832.3|	0.0|	42.4|	835.6|

119.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	24213.7|	762.9|	0.0|	33812.0|	-63.1|	-353.2|
| 7- 1|	21643.3|	3531.1|	0.0|	30308.9|	-93.7|	-319.2|
| 6- 1|	22898.8|	-2949.2|	0.0|	32428.6|	-14.9|	-355.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	989.1|	0.0|	0.0|	989.1|
| 7- 1|si| 5|	Tz |	691.7|	-13.1|	0.0|	692.0|
| 6- 1|si| 9|	Ty |	832.5|	0.0|	43.4|	835.9|

139.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	17133.1|	1880.4|	0.0|	33812.0|	-49.7|	-361.1|
| 7- 1|	15237.1|	5167.7|	0.0|	30308.9|	-71.4|	-327.1|
| 6- 1|	15777.1|	-2654.3|	0.0|	32428.6|	-14.9|	-363.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	971.6|	0.0|	0.0|	971.6|
| 7- 1|si| 5|	Tz |	725.5|	-12.2|	0.0|	725.8|
| 6- 1|si| 9|	Ty |	832.6|	0.0|	44.4|	836.2|

159.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	9897.0|	2732.7|	0.0|	33812.0|	-36.3|	-368.9|
| 6- 1|	8499.7|	-2359.4|	0.0|	32428.6|	-14.9|	-371.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 4|Sx |	Si |	949.8|	0.0|	0.0|	949.8|
| 5- 1|si| 5|	Tz |	832.6|	-11.5|	0.0|	832.9|
| 6- 1|si| 9|	Ty |	832.8|	0.0|	45.3|	836.5|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18) stato limite ultimo - ASTA (820- 381) 1456
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	6346.4|	-2124.6|	0.0|	-18479.4|	-13.4|	-8.6|
| 7- 1|	8675.2|	6362.2|	0.0|	-14396.0|	-49.1|	-23.3|
| 12- 7|	-3392.7|	-370.3|	0.0|	-14167.8|	-2.3|	45.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 8- 1|si| 1|Sx |	Si |	-531.6|	0.0|	0.0|	531.6|
| 7- 1|si| 5|	Tz |	-390.9|	-3.0|	0.0|	390.9|
| 12- 7|si| 9|	Ty |	-364.5|	0.0|	-5.6|	364.6|

Copertura area carburante - Relazione di calcolo

----- PROGR.										20.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 8- 1|	6097.8|	-1859.0|	0.0|	-18479.4|	-13.4|	-16.5|				
| 5- 1|	9204.5|	3319.6|	0.0|	-15396.0|	-22.9|	-38.9|				
| 12- 7|	-2549.6|	-324.0|	0.0|	-14167.8|	-2.3|	39.5|				
TENSIONI (Sz= 0.00) :										
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|	|si| 1|Sx	Si|	-527.0|	0.0|	0.0|	527.0|				
| 5- 1|	|si| 5| Tz		-427.9|	-2.2|	0.0|	427.9|				
| 12- 7|	|si| 9| Ty		-364.5|	0.0|	-4.8|	364.6|				
----- PROGR.										40.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 8- 1|	5693.5|	-1593.4|	0.0|	-18479.4|	-13.4|	-24.3|				
| 6- 1|	7308.5|	-1769.5|	0.0|	-17846.1|	-14.9|	-37.9|				
| 5- 1|	8356.5|	3641.3|	0.0|	-15396.0|	-9.5|	-46.7|				
TENSIONI (Sz= 0.00) :										
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|	|si| 1|Sx	Si|	-521.7|	0.0|	0.0|	521.7|				
| 6- 1|	|si| 5| Tz		-497.2|	-1.7|	0.0|	497.2|				
| 5- 1|	|si| 9| Ty		-394.1|	0.0|	5.7|	394.3|				
----- PROGR.										59.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 8- 1|	5133.7|	-1327.9|	0.0|	-18479.4|	-13.4|	-32.2|				
| 7- 1|	6589.2|	7292.6|	0.0|	-14396.0|	17.8|	-46.8|				
| 5- 1|	7352.8|	3697.6|	0.0|	-15396.0|	3.8|	-54.6|				
TENSIONI (Sz= 0.00) :										
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|	|si| 1|Sx	Si|	-515.7|	0.0|	0.0|	515.7|				
| 7- 1|	|si| 6| Tz		-421.4|	2.1|	0.0|	421.4|				
| 5- 1|	|si| 9| Ty		-394.1|	0.0|	6.7|	394.3|				
----- PROGR.										79.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 8- 1|	4418.2|	-1062.3|	0.0|	-18479.4|	-13.4|	-40.0|				
| 7- 1|	5582.6|	6718.4|	0.0|	-14396.0|	40.1|	-54.7|				
| 5- 1|	6193.5|	3488.7|	0.0|	-15396.0|	17.2|	-62.4|				
TENSIONI (Sz= 0.00) :										
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|	|si| 1|Sx	Si|	-509.0|	0.0|	0.0|	509.0|				
| 7- 1|	|si| 6| Tz		-415.1|	3.4|	0.0|	415.2|				
| 5- 1|	|si| 9| Ty		-394.2|	0.0|	7.6|	394.4|				
----- PROGR.										99.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 8- 1|	3547.1|	-796.7|	0.0|	-18479.4|	-13.4|	-47.9|				
| 7- 1|	4420.4|	5702.0|	0.0|	-14396.0|	62.4|	-62.5|				
| 5- 1|	4878.5|	3014.5|	0.0|	-15396.0|	30.6|	-70.3|				
TENSIONI (Sz= 0.00) :										
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|	|si| 1|Sx	Si|	-501.6|	0.0|	0.0|	501.6|				
| 7- 1|	|si| 6| Tz		-406.9|	4.7|	0.0|	407.0|				
| 5- 1|	|si| 9| Ty		-394.4|	0.0|	8.6|	394.7|				
----- PROGR.										119.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 8- 1|	2520.3|	-531.1|	0.0|	-18479.4|	-13.4|	-55.7|				
| 7- 1|	3102.5|	4243.5|	0.0|	-14396.0|	84.7|	-70.4|				
| 5- 1|	3408.0|	2274.9|	0.0|	-15396.0|	44.0|	-78.1|				
TENSIONI (Sz= 0.00) :										
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|	|si| 1|Sx	Si|	-493.5|	0.0|	0.0|	493.5|				
| 7- 1|	|si| 6| Tz		-396.7|	6.0|	0.0|	396.8|				
| 5- 1|	|si| 9| Ty		-394.8|	0.0|	9.5|	395.2|				
----- PROGR.										139.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 8- 1|	1338.0|	-265.6|	0.0|	-18479.4|	-13.4|	-63.6|				
| 7- 1|	1629.1|	2342.8|	0.0|	-14396.0|	107.0|	-78.2|				
| 5- 1|	1781.8|	1270.1|	0.0|	-15396.0|	57.4|	-86.0|				
TENSIONI (Sz= 0.00) :										
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|	|si| 1|Sx	Si|	-484.7|	0.0|	0.0|	484.7|				
| 7- 1|	|si| 6| Tz		-384.4|	7.3|	0.0|	384.6|				
| 5- 1|	|si| 9| Ty		-395.3|	0.0|	10.5|	395.7|				
----- PROGR.										159.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 8- 1|	0.0|	0.0|	0.0|	-18479.4|	-13.4|	-71.4|				
| 7- 1|	0.0|	0.0|	0.0|	-14396.0|	129.3|	-86.1|				
| 5- 1|	0.0|	0.0|	0.0|	-15396.0|	70.8|	-93.8|				
TENSIONI (Sz= 0.00) :										
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si					
| 8- 1|	|si| 2|Sx		-475.2|	0.0|	0.0|	475.2|				
| 7- 1|	|si| 6| Tz		-370.2|	8.7|	0.0|	370.5|				
| 5- 1|	|si| 9| Ty		-395.9|	0.0|	11.5|	396.4|				
| 8- 1|	|si| 9| Si		-475.2|	0.0|	8.7|	475.4|				

VERIFICA STABILITA` :

|L0 = 159. |
 Z |Lc = 159. |Ro = 6.57|lm = 24.1|Ncr= 1382114.3|alfa(b)=0.3400|ki=0.9721|
 Y |Lc = 159. |Ro = 3.98|lm = 39.9|Ncr= 507303.5|alfa(c)=0.4900|ki=0.8656|
 Caso 8- 1 - Nodo 1 - Asse Y
 Ned = -18479.4|Mzeq = 5204.1|Myeq = -1593.4|Ss = -594.4 (0.227)

Copertura area carburante - Relazione di calcolo

VERIFICA ELEMENTI IN ACCIAIO
lavoro : MUSST4

Unità di misura:
Lunghezze: cm
Prop.Sez.: cm
Forze: daN
Momenti: daNcm
Tensioni: daN/cm2

MATERIALI

S275 (EN 10025-2): Mod.El.= 210000.0; gM = 1.050;
fyk = 275.0 (255.0 per sp>40 mm); fyd = 261.9 (242.8.6 per sp>40 mm).

CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	2
4	SLU VENTOX 1	2
5	SLU VENTOX 2	2
6	SLU VENTOX 2	2
7	SLU VENTOX 3	2
8	SLU VENTOX 3	2
11	SLU con SISMAY PRINC	16
12	SLU con SISMAY PRINC	16

CARATTERISTICHE GEOMETRICHE

P_HEA120_S005 (5) :
A = 25.4102E+00 Jz=607.6354E+00 Jy=230.9414E+00 Jt= 4.3320E+00

P_IPE80_S008 (8) :
A = 7.6563E+00 Jz= 80.2777E+00 Jy= 8.4911E+00 Jt=527.6360E-03

P_HEA180_S017 (17) :
A = 45.3671E+00 Jz= 2.5161E+03 Jy=924.7126E+00 Jt= 11.0401E+00

P_HEA160_S018 (18) :
A = 38.8871E+00 Jz= 1.6774E+03 Jy=615.6802E+00 Jt= 8.4644E+00

P_HEA120_S005 (5) stato limite ultimo - ASTA (18- 750) 1332
----- PROGR. 0.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	23755.2	0.0	18.1
1- 1	0.0	0.0	0.0	14027.2	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	934.9	0.0	0.0	934.9
1- 1	si	5	Tz	552.0	0.7	0.0	552.0
1- 1	si	9	Ty	552.0	0.0	-3.6	552.1
5- 1	si	9	Si	934.9	0.0	-3.6	934.9

----- PROGR. 21.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	326.9	0.0	0.0	23752.3	0.0	13.6
1- 1	326.9	0.0	0.0	14024.4	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	937.8	0.0	0.0	937.8
1- 1	si	5	Tz	548.9	0.5	0.0	548.9
1- 1	si	9	Ty	551.9	0.0	-2.7	551.9
5- 1	si	7	Si	937.8	-0.5	0.0	937.8

----- PROGR. 41.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	560.4	0.0	0.0	23749.5	0.0	9.0
1- 1	560.4	0.0	0.0	14021.5	0.0	9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	939.9	0.0	0.0	939.9
1- 1	si	5	Tz	546.6	0.4	0.0	546.6
1- 1	si	9	Ty	551.8	0.0	-1.8	551.8
5- 1	si	7	Si	939.9	-0.4	0.0	939.9

----- PROGR. 62.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	23746.6	0.0	4.5
1- 1	700.4	0.0	0.0	14018.7	0.0	4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	941.1	0.0	0.0	941.1
1- 1	si	5	Tz	545.1	0.2	0.0	545.1
1- 1	si	9	Ty	551.7	0.0	-0.9	551.7
5- 1	si	7	Si	941.1	-0.2	0.0	941.1

----- PROGR. 83.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	747.1	0.0	0.0	23743.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	941.4	0.0	0.0	941.4

----- PROGR. 103.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	23741.0	0.0	-4.5
1- 1	700.4	0.0	0.0	14013.0	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	941.4	0.0	0.0	941.4

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 3|Sx	|	940.9|	0.0|	0.0|	940.9|	
| 1- 1|si| 5| Tz	|	544.9|	-0.2|	0.0|	544.9|	
| 1- 1|si| 9| Ty	|	551.5|	0.0|	0.9|	551.5|	
| 5- 1|si| 7| Si	|	940.9|	0.2|	0.0|	940.9|	

PROGR. 124.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	560.4|	0.0|	0.0|	23738.1|	0.0|	-9.0|
| 1- 1|	560.4|	0.0|	0.0|	14010.2|	0.0|	-9.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 3|Sx	939.5|	0.0|	0.0|	939.5|
| 1- 1|si| 5| Tz	546.1|	-0.4|	0.0|	546.1|
| 1- 1|si| 9| Ty	551.4|	0.0|	1.8|	551.4|
| 5- 1|si| 7| Si	939.5|	0.4|	0.0|	939.5|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	326.9|	0.0|	0.0|	23735.3|	0.0|	-13.6|
| 1- 1|	326.9|	0.0|	0.0|	14007.3|	0.0|	-13.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 3|Sx	937.2|	0.0|	0.0|	937.2|
| 1- 1|si| 5| Tz	548.2|	-0.5|	0.0|	548.2|
| 1- 1|si| 9| Ty	551.2|	0.0|	2.7|	551.3|
| 5- 1|si| 7| Si	937.2|	0.5|	0.0|	937.2|

PROGR. 165.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	0.0|	0.0|	0.0|	23732.4|	0.0|	-18.1|
| 1- 1|	0.0|	0.0|	0.0|	14004.5|	0.0|	-18.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	934.0|	0.0|	0.0|	934.0|
| 1- 1|si| 5| Tz	551.1|	-0.7|	0.0|	551.1|
| 1- 1|si| 9| Ty	551.1|	0.0|	3.6|	551.2|
| 5- 1|si| 9| Si	934.0|	0.0|	3.6|	934.0|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (750- 543) 1333
PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	0.0|	0.0|	0.0|	-20540.7|	0.0|	18.1|
| 1- 1|	0.0|	0.0|	0.0|	-12138.7|	0.0|	18.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	-808.4|	0.0|	0.0|	808.4|
| 1- 1|si| 5| Tz	-477.7|	0.7|	0.0|	477.7|
| 1- 1|si| 9| Ty	-477.7|	0.0|	-3.6|	477.7|
| 5- 1|si| 9| Si	-808.4|	0.0|	-3.6|	808.4|

PROGR. 21.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	326.9|	0.0|	0.0|	-20537.9|	0.0|	13.6|
| 1- 1|	326.9|	0.0|	0.0|	-12135.8|	0.0|	13.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	-811.3|	0.0|	0.0|	811.3|
| 1- 1|si| 5| Tz	-480.7|	0.5|	0.0|	480.7|
| 1- 1|si| 9| Ty	-477.6|	0.0|	-2.7|	477.6|
| 5- 1|si| 5| Si	-811.3|	0.5|	0.0|	811.3|

PROGR. 41.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	560.4|	0.0|	0.0|	-20535.0|	0.0|	9.0|
| 1- 1|	560.4|	0.0|	0.0|	-12133.0|	0.0|	9.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	-813.4|	0.0|	0.0|	813.4|
| 1- 1|si| 5| Tz	-482.7|	0.4|	0.0|	482.7|
| 1- 1|si| 9| Ty	-477.5|	0.0|	-1.8|	477.5|
| 5- 1|si| 5| Si	-813.4|	0.4|	0.0|	813.4|

PROGR. 62.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	700.4|	0.0|	0.0|	-20532.2|	0.0|	4.5|
| 1- 1|	700.4|	0.0|	0.0|	-12130.1|	0.0|	4.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	-814.6|	0.0|	0.0|	814.6|
| 1- 1|si| 5| Tz	-483.9|	0.2|	0.0|	483.9|
| 1- 1|si| 9| Ty	-477.4|	0.0|	-0.9|	477.4|
| 5- 1|si| 5| Si	-814.6|	0.2|	0.0|	814.6|

PROGR. 83.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	747.1|	0.0|	0.0|	-20529.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	-814.9|	0.0|	0.0|	814.9|

PROGR. 103.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	-20526.5	0.0	-4.5
1- 1	700.4	0.0	0.0	-12124.5	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

	5-	1 si	1 Sx		-814.4	0.0	0.0	814.4	
	1-	1 si	5	Tz		-483.7	-0.2	0.0	483.7
|	1-	1|si|	9|	Ty	|	-477.2|	0.0|	0.9|	477.2|
|	5-	1|si|	5|	Si	|	-814.4|	-0.2|	0.0|	814.4|

PROGR. 124.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	560.4|	0.0|	0.0|	0.0|	-20523.7|	0.0|	-9.0|					
|	1-	1|	560.4|	0.0|	0.0|	0.0|	-12121.6|	0.0|	-9.0|					

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5-	1|si|	1|Sx	|	-813.0|	0.0|	0.0|	813.0|					
|	1-	1|si|	5|	Tz	|	-482.3|	-0.4|	0.0|	482.3|				
|	1-	1|si|	9|	Ty	|	-477.0|	0.0|	1.8|	477.0|				
|	5-	1|si|	5|	Si	|	-813.0|	-0.4|	0.0|	813.0|				

PROGR. 145.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	326.9|	0.0|	0.0|	0.0|	-20520.8|	0.0|	-13.6|					
|	1-	1|	326.9|	0.0|	0.0|	0.0|	-12118.8|	0.0|	-13.6|					

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5-	1|si|	1|Sx	|	-810.7|	0.0|	0.0|	810.7|					
|	1-	1|si|	5|	Tz	|	-480.0|	-0.5|	0.0|	480.0|				
|	1-	1|si|	9|	Ty	|	-476.9|	0.0|	2.7|	476.9|				
|	5-	1|si|	5|	Si	|	-810.7|	-0.5|	0.0|	810.7|				

PROGR. 165.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	0.0|	0.0|	0.0|	0.0|	-20518.0|	0.0|	-18.1|					
|	1-	1|	0.0|	0.0|	0.0|	0.0|	-12115.9|	0.0|	-18.1|					

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5-	1|si|	1|Sx	|	-807.5|	0.0|	0.0|	807.5|					
|	1-	1|si|	5|	Tz	|	-476.8|	-0.7|	0.0|	476.8|				
|	1-	1|si|	9|	Ty	|	-476.8|	0.0|	3.6|	476.9|				
|	5-	1|si|	9|	Si	|	-807.5|	0.0|	3.6|	807.5|				

VERIFICA STABILITA` :

|L0 = 165.1
 Z |Lc = 165.1|Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|
 Y |Lc = 165.1|Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -20540.7|Mzeq = 647.5|Myeq = 0.0|Ss = -1061.2 (0.405)

P_HEAL20_S005 (5) stato limite ultimo - ASTA (543- 752) 1334
 ----- PROGR. 0.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	0.0|	0.0|	0.0|	0.0|	5401.0|	0.0|	18.1|					
|	1-	1|	0.0|	0.0|	0.0|	0.0|	3526.9|	0.0|	18.1|					

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5-	1|si|	1|Sx	|	212.6|	0.0|	0.0|	212.6|					
|	1-	1|si|	5|	Tz	|	138.8|	0.7|	0.0|	138.8|				
|	1-	1|si|	9|	Ty	|	138.8|	0.0|	-3.6|	138.9|				
|	5-	1|si|	9|	Si	|	212.6|	0.0|	-3.6|	212.6|				

PROGR. 21.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	326.9|	0.0|	0.0|	0.0|	5398.1|	0.0|	13.6|					
|	1-	1|	326.9|	0.0|	0.0|	0.0|	3524.0|	0.0|	13.6|					

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5-	1|si|	3|Sx	|	215.5|	0.0|	0.0|	215.5|					
|	1-	1|si|	5|	Tz	|	135.6|	0.5|	0.0|	135.6|				
|	1-	1|si|	9|	Ty	|	138.7|	0.0|	-2.7|	138.8|				
|	5-	1|si|	7|	Si	|	215.5|	-0.5|	0.0|	215.5|				

PROGR. 41.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	560.4|	0.0|	0.0|	0.0|	5395.3|	0.0|	9.0|					
|	1-	1|	560.4|	0.0|	0.0|	0.0|	3521.2|	0.0|	9.0|					

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5-	1|si|	3|Sx	|	217.6|	0.0|	0.0|	217.6|					
|	1-	1|si|	5|	Tz	|	133.3|	0.4|	0.0|	133.3|				
|	1-	1|si|	9|	Ty	|	138.6|	0.0|	-1.8|	138.6|				
|	5-	1|si|	7|	Si	|	217.6|	-0.4|	0.0|	217.6|				

PROGR. 62.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	700.4|	0.0|	0.0|	0.0|	5392.5|	0.0|	4.5|					
|	1-	1|	700.4|	0.0|	0.0|	0.0|	3518.4|	0.0|	4.5|					

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
|	5-	1|si|	3|Sx	|	218.8|	0.0|	0.0|	218.8|					
|	1-	1|si|	5|	Tz	|	131.9|	0.2|	0.0|	131.9|				
|	1-	1|si|	9|	Ty	|	138.5|	0.0|	-0.9|	138.5|				
|	5-	1|si|	7|	Si	|	218.8|	-0.2|	0.0|	218.8|				

PROGR. 83.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	747.1|	0.0|	0.0|	0.0|	5389.6|	0.0|	0.0|					

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|
	5-	1 si	3 Sx		219.1	0.0	0.0	219.1					

PROGR. 103.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    700.4 |    0.0 |    0.0 | 5386.8 |    0.0 |   -4.5 |
| 1- 1 |    700.4 |    0.0 |    0.0 | 3512.7 |    0.0 |   -4.5 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx |    218.6 |    0.0 |    0.0 |   218.6 |
| 1- 1|si| 5| Tz |    131.7 |   -0.2 |    0.0 |   131.7 |
| 1- 1|si| 9| Ty |    138.2 |    0.0 |    0.9 |   138.2 |
| 5- 1|si| 7| Si |    218.6 |    0.2 |    0.0 |   218.6 |
-----
PROGR.      124.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    560.4 |    0.0 |    0.0 | 5383.9 |    0.0 |   -9.0 |
| 1- 1 |    560.4 |    0.0 |    0.0 | 3509.8 |    0.0 |   -9.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx |    217.1 |    0.0 |    0.0 |   217.1 |
| 1- 1|si| 5| Tz |    132.9 |   -0.4 |    0.0 |   132.9 |
| 1- 1|si| 9| Ty |    138.1 |    0.0 |    1.8 |   138.2 |
| 5- 1|si| 7| Si |    217.1 |    0.4 |    0.0 |   217.1 |
-----
PROGR.      145.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    326.9 |    0.0 |    0.0 | 5381.1 |    0.0 |  -13.6 |
| 1- 1 |    326.9 |    0.0 |    0.0 | 3507.0 |    0.0 |  -13.6 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx |    214.8 |    0.0 |    0.0 |   214.8 |
| 1- 1|si| 5| Tz |    134.9 |   -0.5 |    0.0 |   135.0 |
| 1- 1|si| 9| Ty |    138.0 |    0.0 |    2.7 |   138.1 |
| 5- 1|si| 7| Si |    214.8 |    0.5 |    0.0 |   214.8 |
-----
PROGR.      165.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    0.0 |    0.0 |    0.0 | 5378.3 |    0.0 |  -18.1 |
| 1- 1 |    0.0 |    0.0 |    0.0 | 3504.2 |    0.0 |  -18.1 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |    211.7 |    0.0 |    0.0 |   211.7 |
| 1- 1|si| 5| Tz |    137.9 |   -0.7 |    0.0 |   137.9 |
| 1- 1|si| 9| Ty |    137.9 |    0.0 |    3.6 |   138.0 |
| 5- 1|si| 9| Si |    211.7 |    0.0 |    3.6 |   211.7 |
-----
PROGR.

VERIFICA STABILITA` :

|L0 = 165. |
Z |Lc = 165. |Ro = 4.89 |lm = 33.8 |Ncr= 460574.7 |alfa(b)=0.3400 |ki=0.9302 |
Y |Lc = 165. |Ro = 3.01 |lm = 54.9 |Ncr= 175048.6 |alfa(c)=0.4900 |ki=0.7664 |
Casol2- 2 - Nodo 1 - Asse Y
Ned = -1541.2 |Mzeq = 498.1 |Myeq = 0.0 |Ss = -83.8 ( 0.032)

P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 752- 544) 1335
-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-15 |    0.0 |    0.0 |    0.0 | -2940.6 |    0.0 |   13.9 |
| 1- 1 |    0.0 |    0.0 |    0.0 | -1427.7 |    0.0 |   18.1 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-15|si| 1|Sx |   -115.7 |    0.0 |    0.0 |   115.7 |
| 1- 1|si| 5| Tz |   -56.2 |    0.7 |    0.0 |   56.2 |
| 1- 1|si| 9| Ty |   -56.2 |    0.0 |   -3.6 |   56.5 |
| 12-15|si| 9| Si |   -115.7 |    0.0 |   -2.7 |   115.8 |
-----
PROGR.      21.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-15 |    251.4 |    0.0 |    0.0 | -2938.4 |    0.0 |   10.4 |
| 1- 1 |    326.9 |    0.0 |    0.0 | -1424.9 |    0.0 |   13.6 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-15|si| 1|Sx |   -118.0 |    0.0 |    0.0 |   118.0 |
| 1- 1|si| 5| Tz |   -59.1 |    0.5 |    0.0 |   59.1 |
| 1- 1|si| 9| Ty |   -56.1 |    0.0 |   -2.7 |   56.3 |
| 12-15|si| 5| Si |   -118.0 |    0.4 |    0.0 |   118.0 |
-----
PROGR.      41.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-15 |    431.0 |    0.0 |    0.0 | -2936.3 |    0.0 |    7.0 |
| 1- 1 |    560.4 |    0.0 |    0.0 | -1422.1 |    0.0 |    9.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-15|si| 1|Sx |   -119.6 |    0.0 |    0.0 |   119.6 |
| 1- 1|si| 5| Tz |   -61.2 |    0.4 |    0.0 |   61.2 |
| 1- 1|si| 9| Ty |   -56.0 |    0.0 |   -1.8 |   56.0 |
| 12-15|si| 5| Si |   -119.6 |    0.3 |    0.0 |   119.6 |
-----
PROGR.      62.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-15 |    538.8 |    0.0 |    0.0 | -2934.1 |    0.0 |    3.5 |
| 1- 1 |    700.4 |    0.0 |    0.0 | -1419.2 |    0.0 |    4.5 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-15|si| 1|Sx |   -120.5 |    0.0 |    0.0 |   120.5 |
| 1- 1|si| 5| Tz |   -62.4 |    0.2 |    0.0 |   62.4 |
| 1- 1|si| 9| Ty |   -55.9 |    0.0 |   -0.9 |   55.9 |
| 12-15|si| 5| Si |   -120.5 |    0.1 |    0.0 |   120.5 |
-----
PROGR.      83.

SOLLECITAZIONI      :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
12-15	574.7	0.0	0.0	-2931.9	0.0	0.0
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	
| 12-15 |	|si| 1|Sx	Si	-120.8 |	0.0 |	0.0 |	120.8 |
----- PROGR. 103.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 12-15 |	538.8 |	0.0 |	0.0 |	-2929.7 |	0.0 |	-3.5 |
| 1- 1 |	700.4 |	0.0 |	0.0 |	-1413.5 |	0.0 |	-4.5 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	
| 12-15 |	|si| 1|Sx	Si	-120.4 |	0.0 |	0.0 |	120.4 |
| 1- 1 |	|si| 5 |	Tz	-62.2 |	-0.2 |	0.0 |	62.2 |
| 1- 1 |	|si| 9 |	Ty	-55.6 |	0.0 |	0.9 |	55.7 |
| 12-15 |	|si| 5 |	Si	-120.4 |	-0.1 |	0.0 |	120.4 |
----- PROGR. 124.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 12-15 |	431.0 |	0.0 |	0.0 |	-2927.5 |	0.0 |	-7.0 |
| 1- 1 |	560.4 |	0.0 |	0.0 |	-1410.7 |	0.0 |	-9.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	
| 12-15 |	|si| 1|Sx	Si	-119.3 |	0.0 |	0.0 |	119.3 |
| 1- 1 |	|si| 5 |	Tz	-60.8 |	-0.4 |	0.0 |	60.8 |
| 1- 1 |	|si| 9 |	Ty	-55.5 |	0.0 |	1.8 |	55.6 |
| 12-15 |	|si| 5 |	Si	-119.3 |	-0.3 |	0.0 |	119.3 |
----- PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 12-15 |	251.4 |	0.0 |	0.0 |	-2925.3 |	0.0 |	-10.4 |
| 1- 1 |	326.9 |	0.0 |	0.0 |	-1407.9 |	0.0 |	-13.6 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	
| 12-15 |	|si| 1|Sx	Si	-117.5 |	0.0 |	0.0 |	117.5 |
| 1- 1 |	|si| 5 |	Tz	-58.5 |	-0.5 |	0.0 |	58.5 |
| 1- 1 |	|si| 9 |	Ty	-55.4 |	0.0 |	2.7 |	55.6 |
| 12-15 |	|si| 5 |	Si	-117.5 |	-0.4 |	0.0 |	117.5 |
----- PROGR. 165.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 12-15 |	0.0 |	0.0 |	0.0 |	-2923.1 |	0.0 |	-13.9 |
| 1- 1 |	0.0 |	0.0 |	0.0 |	-1405.0 |	0.0 |	-18.1 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	
| 12-15 |	|si| 1|Sx	Si	-115.0 |	0.0 |	0.0 |	115.0 |
| 1- 1 |	|si| 5 |	Tz	-55.3 |	-0.7 |	0.0 |	55.3 |
| 1- 1 |	|si| 9 |	Ty	-55.3 |	0.0 |	3.6 |	55.6 |
| 12-15 |	|si| 9 |	Si	-115.0 |	0.0 |	2.7 |	115.1 |

VERIFICA STABILITA` :						
|L0 = 165. |						
Z |Lc = 165. |Ro = 4.89 |lm = 33.8 |Ncr= 460574.7 |alfa(b)=0.3400 |ki=0.9302 |						
Y |Lc = 165. |Ro = 3.01 |lm = 54.9 |Ncr= 175048.6 |alfa(c)=0.4900 |ki=0.7664 |						
Caso12-15 - Nodo 1 - Asse Y						
Ned = -2940.6 |Mzeq = 498.1 |Myeq = 0.0 |Ss = -155.7 (0.059)						

P_HEA120_S005 (5) stato limite ultimo - ASTA (544- 754) 1336						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	0.0 |	0.0 |	0.0 |	-12986.9 |	0.0 |	18.1 |
| 1- 1 |	0.0 |	0.0 |	0.0 |	-6690.6 |	0.0 |	18.1 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	|si| 1|Sx	Si	-511.1 |	0.0 |	0.0 |	511.1 |
| 1- 1 |	|si| 5 |	Tz	-263.3 |	0.7 |	0.0 |	263.3 |
| 1- 1 |	|si| 9 |	Ty	-263.3 |	0.0 |	-3.6 |	263.4 |
| 6- 1 |	|si| 9 |	Si	-511.1 |	0.0 |	-3.6 |	511.1 |
----- PROGR. 21.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	326.9 |	0.0 |	0.0 |	-12989.7 |	0.0 |	13.6 |
| 1- 1 |	326.9 |	0.0 |	0.0 |	-6693.5 |	0.0 |	13.6 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	|si| 1|Sx	Si	-514.3 |	0.0 |	0.0 |	514.3 |
| 1- 1 |	|si| 5 |	Tz	-266.5 |	0.5 |	0.0 |	266.5 |
| 1- 1 |	|si| 9 |	Ty	-263.4 |	0.0 |	-2.7 |	263.5 |
| 6- 1 |	|si| 5 |	Si	-514.3 |	0.5 |	0.0 |	514.3 |
----- PROGR. 41.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	560.4 |	0.0 |	0.0 |	-12992.6 |	0.0 |	9.0 |
| 1- 1 |	560.4 |	0.0 |	0.0 |	-6696.3 |	0.0 |	9.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1 |	|si| 1|Sx	Si	-516.6 |	0.0 |	0.0 |	516.6 |
| 1- 1 |	|si| 5 |	Tz	-268.8 |	0.4 |	0.0 |	268.8 |
| 1- 1 |	|si| 9 |	Ty	-263.5 |	0.0 |	-1.8 |	263.5 |
| 6- 1 |	|si| 5 |	Si	-516.6 |	0.4 |	0.0 |	516.6 |
----- PROGR. 62.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1 |	700.4 |	0.0 |	0.0 |	-12995.4 |	0.0 |	4.5 |
| 1- 1 |	700.4 |	0.0 |	0.0 |	-6699.2 |	0.0 |	4.5 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	Sx	Tz	Ty	Si	

Copertura area carburante - Relazione di calcolo

6-1	|si|	1	Sx	-518.0	0.0	0.0	518.0
1-1	|si|	5	Tz	-270.2	0.2	0.0	270.2
1-1	|si|	9	Ty	-263.6	0.0	-0.9	263.6
6-1	|si|	5	Si	-518.0	0.2	0.0	518.0

PROGR. 83.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	747.1	0.0	0.0	-12998.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	1	Sx	Si	-518.5	0.0	0.0	518.5

PROGR. 103.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	700.4	0.0	0.0	-13001.1	0.0	-4.5
1-1	700.4	0.0	0.0	-6704.8	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	1	Sx	Si	-518.2	0.0	0.0	518.2
1-1	|si|	5	Tz	-270.4	-0.2	0.0	270.4	
1-1	|si|	9	Ty	-263.9	0.0	0.9	263.9	
6-1	|si|	5	Si	-518.2	-0.2	0.0	518.2	

PROGR. 124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	560.4	0.0	0.0	-13003.9	0.0	-9.0
1-1	560.4	0.0	0.0	-6707.7	0.0	-9.0

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	1	Sx	Si	-517.0	0.0	0.0	517.0
1-1	|si|	5	Tz	-269.2	-0.4	0.0	269.2	
1-1	|si|	9	Ty	-264.0	0.0	1.8	264.0	
6-1	|si|	5	Si	-517.0	-0.4	0.0	517.0	

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	326.9	0.0	0.0	-13006.8	0.0	-13.6
1-1	326.9	0.0	0.0	-6710.5	0.0	-13.6

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	1	Sx	Si	-514.9	0.0	0.0	514.9
1-1	|si|	5	Tz	-267.2	-0.5	0.0	267.2	
1-1	|si|	9	Ty	-264.1	0.0	2.7	264.1	
6-1	|si|	5	Si	-514.9	-0.5	0.0	514.9	

PROGR. 165.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-13009.6	0.0	-18.1
1-1	0.0	0.0	0.0	-6713.4	0.0	-18.1

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	1	Sx	Si	-512.0	0.0	0.0	512.0
1-1	|si|	5	Tz	-264.2	-0.7	0.0	264.2	
1-1	|si|	9	Ty	-264.2	0.0	3.6	264.3	
6-1	|si|	9	Si	-512.0	0.0	3.6	512.0	

VERIFICA STABILITA` :

$L_0 = 165.0$
 $Z \quad |L_c = 165.0 | R_o = 4.89 | l_m = 33.8 | N_{cr} = 460574.7 | \alpha(b) = 0.3400 | k_i = 0.9302 |$
 $Y \quad |L_c = 165.0 | R_o = 3.01 | l_m = 54.9 | N_{cr} = 175048.6 | \alpha(c) = 0.4900 | k_i = 0.7664 |$
 Caso 6-1 - Nodo 1 - Asse Y
 $N_{ed} = -13009.6 | M_{z_{eq}} = 647.5 | M_{y_{eq}} = 0.0 | S_s = -674.3 (0.257)$

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 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	16661.3	0.0	18.1
1-1	0.0	0.0	0.0	8793.9	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	1	Sx	Si	655.7	0.0	0.0	655.7
1-1	|si|	5	Tz	346.1	0.7	0.0	346.1	
1-1	|si|	9	Ty	346.1	0.0	-3.6	346.1	
6-1	|si|	9	Si	655.7	0.0	-3.6	655.7	

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	326.9	0.0	0.0	16664.2	0.0	13.6
1-1	326.9	0.0	0.0	8796.8	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	3	Sx	Si	658.9	0.0	0.0	658.9
1-1	|si|	5	Tz	343.1	0.5	0.0	343.1	
1-1	|si|	9	Ty	346.2	0.0	-2.7	346.2	
6-1	|si|	7	Si	658.9	-0.5	0.0	658.9	

PROGR. 41.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	560.4	0.0	0.0	16667.0	0.0	9.0
1-1	560.4	0.0	0.0	8799.6	0.0	9.0

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si|	3	Sx	Si	661.2	0.0	0.0	661.2
1-1	|si|	5	Tz	341.0	0.4	0.0	341.0	
1-1	|si|	9	Ty	346.3	0.0	-1.8	346.3	
6-1	|si|	7	Si	661.2	-0.4	0.0	661.2	

PROGR. 62.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	700.4|	0.0|	0.0|	16669.8|	0.0|	4.5|		
| 1- 1|	700.4|	0.0|	0.0|	8802.4|	0.0|	4.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 3|Sx |	662.6|	0.0|	0.0|	662.6|			
| 1- 1|	|si| 5| Tz |	339.8|	0.2|	0.0|	339.8|			
| 1- 1|	|si| 9| Ty |	346.4|	0.0|	-0.9|	346.4|			
| 6- 1|	|si| 7| Si |	662.6|	-0.2|	0.0|	662.6|			
							83.	
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	747.1|	0.0|	0.0|	16672.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 3|Sx |	663.2|	0.0|	0.0|	663.2|			
							103.	
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	700.4|	0.0|	0.0|	16675.5|	0.0|	-4.5|		
| 1- 1|	700.4|	0.0|	0.0|	8808.1|	0.0|	-4.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 3|Sx |	662.8|	0.0|	0.0|	662.8|			
| 1- 1|	|si| 5| Tz |	340.1|	-0.2|	0.0|	340.1|			
| 1- 1|	|si| 9| Ty |	346.6|	0.0|	0.9|	346.6|			
| 6- 1|	|si| 7| Si |	662.8|	0.2|	0.0|	662.8|			
							124.	
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	560.4|	0.0|	0.0|	16678.4|	0.0|	-9.0|		
| 1- 1|	560.4|	0.0|	0.0|	8811.0|	0.0|	-9.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 3|Sx |	661.6|	0.0|	0.0|	661.6|			
| 1- 1|	|si| 5| Tz |	341.5|	-0.4|	0.0|	341.5|			
| 1- 1|	|si| 9| Ty |	346.7|	0.0|	1.8|	346.8|			
| 6- 1|	|si| 7| Si |	661.6|	0.4|	0.0|	661.6|			
							145.	
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	326.9|	0.0|	0.0|	16681.2|	0.0|	-13.6|		
| 1- 1|	326.9|	0.0|	0.0|	8813.8|	0.0|	-13.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 3|Sx |	659.5|	0.0|	0.0|	659.5|			
| 1- 1|	|si| 5| Tz |	343.8|	-0.5|	0.0|	343.8|			
| 1- 1|	|si| 9| Ty |	346.9|	0.0|	2.7|	346.9|			
| 6- 1|	|si| 7| Si |	659.5|	0.5|	0.0|	659.5|			
							165.	
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	16684.0|	0.0|	-18.1|		
| 1- 1|	0.0|	0.0|	0.0|	8816.6|	0.0|	-18.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 1|Sx |	656.6|	0.0|	0.0|	656.6|			
| 1- 1|	|si| 5| Tz |	347.0|	-0.7|	0.0|	347.0|			
| 1- 1|	|si| 9| Ty |	347.0|	0.0|	3.6|	347.0|			
| 6- 1|	|si| 9| Si |	656.6|	0.0|	3.6|	656.6|			
----- PROGR.								
VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEA120_S005 (5)	stato limite ultimo - ASTA (545- 756)						1338	
							0.	
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-32355.5|	0.0|	18.1|		
| 1- 1|	0.0|	0.0|	0.0|	-17674.1|	0.0|	18.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 1|Sx |	-1273.3|	0.0|	0.0|	1273.3|			
| 1- 1|	|si| 5| Tz |	-695.6|	0.7|	0.0|	695.6|			
| 1- 1|	|si| 9| Ty |	-695.6|	0.0|	-3.6|	695.6|			
| 6- 1|	|si| 9| Si |	-1273.3|	0.0|	-3.6|	1273.3|			
							21.	
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	326.9|	0.0|	0.0|	-32358.3|	0.0|	13.6|		
| 1- 1|	326.9|	0.0|	0.0|	-17677.0|	0.0|	13.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 1|Sx |	-1276.5|	0.0|	0.0|	1276.5|			
| 1- 1|	|si| 5| Tz |	-698.7|	0.5|	0.0|	698.7|			
| 1- 1|	|si| 9| Ty |	-695.7|	0.0|	-2.7|	695.7|			
| 6- 1|	|si| 5| Si |	-1276.5|	0.5|	0.0|	1276.5|			
							41.	
----- PROGR.								
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	560.4|	0.0|	0.0|	-32361.2|	0.0|	9.0|		
| 1- 1|	560.4|	0.0|	0.0|	-17679.8|	0.0|	9.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|	|si| 1|Sx |	-1278.8|	0.0|	0.0|	1278.8|			
| 1- 1|	|si| 5| Tz |	-701.0|	0.4|	0.0|	701.0|			
| 1- 1|	|si| 9| Ty |	-695.8|	0.0|	-1.8|	695.8|			
| 6- 1|	|si| 5| Si |	-1278.8|	0.4|	0.0|	1278.8|			
							62.	
----- PROGR.								

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	700.4	0.0	0.0	-32364.0	0.0	4.5	
1- 1	700.4	0.0	0.0	-17682.7	0.0	4.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1280.2	0.0	0.0	1280.2
1- 1	|si	|5	|Tz	-702.5	0.2	0.0	702.5
1- 1	|si	|9	|Ty	-695.9	0.0	-0.9	695.9
6- 1	|si	|5	|Si	-1280.2	0.2	0.0	1280.2
							83.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	747.1	0.0	0.0	-32366.8	0.0	0.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1280.8	0.0	0.0	1280.8
							103.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	700.4	0.0	0.0	-32369.7	0.0	-4.5	
1- 1	700.4	0.0	0.0	-17688.3	0.0	-4.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1280.5	0.0	0.0	1280.5
1- 1	|si	|5	|Tz	-702.7	-0.2	0.0	702.7
1- 1	|si	|9	|Ty	-696.1	0.0	0.9	696.1
6- 1	|si	|5	|Si	-1280.5	-0.2	0.0	1280.5
							124.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	560.4	0.0	0.0	-32372.5	0.0	-9.0	
1- 1	560.4	0.0	0.0	-17691.2	0.0	-9.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1279.3	0.0	0.0	1279.3
1- 1	|si	|5	|Tz	-701.5	-0.4	0.0	701.5
1- 1	|si	|9	|Ty	-696.2	0.0	1.8	696.2
6- 1	|si	|5	|Si	-1279.3	-0.4	0.0	1279.3
							145.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	326.9	0.0	0.0	-32375.4	0.0	-13.6	
1- 1	326.9	0.0	0.0	-17694.0	0.0	-13.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1277.2	0.0	0.0	1277.2
1- 1	|si	|5	|Tz	-699.4	-0.5	0.0	699.4
1- 1	|si	|9	|Ty	-696.3	0.0	2.7	696.4
6- 1	|si	|5	|Si	-1277.2	-0.5	0.0	1277.2
							165.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	-32378.2	0.0	-18.1	
1- 1	0.0	0.0	0.0	-17696.9	0.0	-18.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1274.2	0.0	0.0	1274.2
1- 1	|si	|5	|Tz	-696.4	-0.7	0.0	696.4
1- 1	|si	|9	|Ty	-696.4	0.0	3.6	696.5
6- 1	|si	|9	|Si	-1274.2	0.0	3.6	1274.2
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	-32378.2	0.0	-18.1	
1- 1	0.0	0.0	0.0	-17696.9	0.0	-18.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1274.2	0.0	0.0	1274.2
1- 1	|si	|5	|Tz	-696.4	-0.7	0.0	696.4
1- 1	|si	|9	|Ty	-696.4	0.0	3.6	696.5
6- 1	|si	|9	|Si	-1274.2	0.0	3.6	1274.2
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	-32378.2	0.0	-18.1	
1- 1	0.0	0.0	0.0	-17696.9	0.0	-18.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1274.2	0.0	0.0	1274.2
1- 1	|si	|5	|Tz	-696.4	-0.7	0.0	696.4
1- 1	|si	|9	|Ty	-696.4	0.0	3.6	696.5
6- 1	|si	|9	|Si	-1274.2	0.0	3.6	1274.2
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	-32378.2	0.0	-18.1	
1- 1	0.0	0.0	0.0	-17696.9	0.0	-18.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1274.2	0.0	0.0	1274.2
1- 1	|si	|5	|Tz	-696.4	-0.7	0.0	696.4
1- 1	|si	|9	|Ty	-696.4	0.0	3.6	696.5
6- 1	|si	|9	|Si	-1274.2	0.0	3.6	1274.2
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	326.9	0.0	0.0	-32375.4	0.0	-13.6	
1- 1	326.9	0.0	0.0	-17694.0	0.0	-13.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|3	|Sx	1445.5	0.0	0.0	1445.5
1- 1	|si	|5	|Tz	787.8	0.5	0.0	787.8
1- 1	|si	|9	|Ty	790.8	0.0	-2.7	790.9
6- 1	|si	|7	|Si	1445.5	-0.5	0.0	1445.5
							41.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	560.4	0.0	0.0	-32372.5	0.0	9.0	
1- 1	560.4	0.0	0.0	-17698.2	0.0	9.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-1279.3	0.0	0.0	1279.3
1- 1	|si	|5	|Tz	-701.5	-0.4	0.0	701.5
1- 1	|si	|9	|Ty	-696.2	0.0	1.8	696.2
6- 1	|si	|5	|Si	-1279.3	-0.4	0.0	1279.3
----- PROGR.							

VERIFICA STABILITA` :

|L0 = 165.1
Z |Lc = 165.1|Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|
Y |Lc = 165.1|Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -32378.2|Mzeq = 647.5|Myeq = 0.0|Ss = -1669.2 (0.637)

P_HEA120_S005 (5) stato limite ultimo - ASTA (756- 318) 1339
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	36648.8	0.0	18.1	
1- 1	0.0	0.0	0.0	20092.5	0.0	18.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	1442.3	0.0	0.0	1442.3
1- 1	|si	|5	|Tz	790.7	0.7	0.0	790.7
1- 1	|si	|9	|Ty	790.7	0.0	-3.6	790.8
6- 1	|si	|9	|Si	1442.3	0.0	-3.6	1442.3
							21.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	326.9	0.0	0.0	36651.6	0.0	13.6	
1- 1	326.9	0.0	0.0	20095.4	0.0	13.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|3	|Sx	1445.5	0.0	0.0	1445.5
1- 1	|si	|5	|Tz	787.8	0.5	0.0	787.8
1- 1	|si	|9	|Ty	790.8	0.0	-2.7	790.9
6- 1	|si	|7	|Si	1445.5	-0.5	0.0	1445.5
							41.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	560.4	0.0	0.0	36654.5	0.0	9.0	
1- 1	560.4	0.0	0.0	20098.2	0.0	9.0	
TENSIONI (Sz= 0.00) :							

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	1447.8	0.0	0.0	1447.8
1-1	|si|	5	Tz	785.7	0.4	0.0	785.7
1-1	|si|	9	Ty	791.0	0.0	-1.8	791.0
6-1	|si|	7	Si	1447.8	-0.4	0.0	1447.8

PROGR. 62.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	700.4	0.0	0.0	36657.3	0.0	4.5
1-1	700.4	0.0	0.0	20101.1	0.0	4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	1449.2	0.0	0.0	1449.2
1-1	|si|	5	Tz	784.5	0.2	0.0	784.5
1-1	|si|	9	Ty	791.1	0.0	-0.9	791.1
6-1	|si|	7	Si	1449.2	-0.2	0.0	1449.2

PROGR. 83.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	747.1	0.0	0.0	36660.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	1449.7	0.0	0.0	1449.7

PROGR. 103.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	700.4	0.0	0.0	36663.0	0.0	-4.5
1-1	700.4	0.0	0.0	20106.7	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	1449.4	0.0	0.0	1449.4
1-1	|si|	5	Tz	784.7	-0.2	0.0	784.7
1-1	|si|	9	Ty	791.3	0.0	0.9	791.3
6-1	|si|	7	Si	1449.4	0.2	0.0	1449.4

PROGR. 124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	560.4	0.0	0.0	36665.8	0.0	-9.0
1-1	560.4	0.0	0.0	20109.6	0.0	-9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	1448.2	0.0	0.0	1448.2
1-1	|si|	5	Tz	786.1	-0.4	0.0	786.1
1-1	|si|	9	Ty	791.4	0.0	1.8	791.4
6-1	|si|	7	Si	1448.2	0.4	0.0	1448.2

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	326.9	0.0	0.0	36669.7	0.0	-13.6
1-1	326.9	0.0	0.0	20112.4	0.0	-13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	3	Sx	1446.1	0.0	0.0	1446.1
1-1	|si|	5	Tz	788.4	-0.5	0.0	788.4
1-1	|si|	9	Ty	791.5	0.0	2.7	791.5
6-1	|si|	7	Si	1446.1	0.5	0.0	1446.1

PROGR. 165.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	36671.5	0.0	-18.1
1-1	0.0	0.0	0.0	20115.3	0.0	-18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	1443.2	0.0	0.0	1443.2
1-1	|si|	5	Tz	791.6	-0.7	0.0	791.6
1-1	|si|	9	Ty	791.6	0.0	3.6	791.6
6-1	|si|	9	Si	1443.2	0.0	3.6	1443.2

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (318- 758) 1340

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	32415.1	0.0	18.1
1-1	0.0	0.0	0.0	18490.7	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	1275.7	0.0	0.0	1275.7
1-1	|si|	5	Tz	727.7	0.7	0.0	727.7
1-1	|si|	9	Ty	727.7	0.0	-3.6	727.7
5-1	|si|	9	Si	1275.7	0.0	-3.6	1275.7

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	326.9	0.0	0.0	32412.3	0.0	13.6
1-1	326.9	0.0	0.0	18487.9	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	3	Sx	1278.6	0.0	0.0	1278.6
1-1	|si|	5	Tz	724.5	0.5	0.0	724.5
1-1	|si|	9	Ty	727.6	0.0	-2.7	727.6
5-1	|si|	7	Si	1278.6	-0.5	0.0	1278.6

PROGR. 41.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	560.4	0.0	0.0	32409.4	0.0	9.0
1-1	560.4	0.0	0.0	18485.1	0.0	9.0

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	1280.7	0.0	0.0	1280.7
1-1	|si	5	Tz	722.2	0.4	0.0	722.2
1-1	|si	9	Ty	727.5	0.0	-1.8	727.5
5-1	|si	7	Si	1280.7	-0.4	0.0	1280.7

PROGR. 62.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	700.4	0.0	0.0	32406.6	0.0	4.5
1-1	700.4	0.0	0.0	18482.2	0.0	4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	1281.9	0.0	0.0	1281.9
1-1	|si	5	Tz	720.8	0.2	0.0	720.8
1-1	|si	9	Ty	727.4	0.0	-0.9	727.4
5-1	|si	7	Si	1281.9	-0.2	0.0	1281.9

PROGR. 83.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	747.1	0.0	0.0	32403.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	1282.2	0.0	0.0	1282.2

PROGR. 103.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	700.4	0.0	0.0	32400.9	0.0	-4.5
1-1	700.4	0.0	0.0	18476.5	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	1281.7	0.0	0.0	1281.7
1-1	|si	5	Tz	720.6	-0.2	0.0	720.6
1-1	|si	9	Ty	727.1	0.0	0.9	727.1
5-1	|si	7	Si	1281.7	0.2	0.0	1281.7

PROGR. 124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	560.4	0.0	0.0	32398.1	0.0	-9.0
1-1	560.4	0.0	0.0	18473.7	0.0	-9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	1280.3	0.0	0.0	1280.3
1-1	|si	5	Tz	721.8	-0.4	0.0	721.8
1-1	|si	9	Ty	727.0	0.0	1.8	727.0
5-1	|si	7	Si	1280.3	0.4	0.0	1280.3

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	326.9	0.0	0.0	32395.2	0.0	-13.6
1-1	326.9	0.0	0.0	18470.9	0.0	-13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	1278.0	0.0	0.0	1278.0
1-1	|si	5	Tz	723.8	-0.5	0.0	723.8
1-1	|si	9	Ty	726.9	0.0	2.7	726.9
5-1	|si	7	Si	1278.0	0.5	0.0	1278.0

PROGR. 165.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	32392.4	0.0	-18.1
1-1	0.0	0.0	0.0	18468.0	0.0	-18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	1274.8	0.0	0.0	1274.8
1-1	|si	5	Tz	726.8	-0.7	0.0	726.8
1-1	|si	9	Ty	726.8	0.0	3.6	726.8
5-1	|si	9	Si	1274.8	0.0	3.6	1274.8

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (758- 597) 1341
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-28092.4	0.0	18.1
1-1	0.0	0.0	0.0	-16057.4	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	-1105.6	0.0	0.0	1105.6
1-1	|si	5	Tz	-631.9	0.7	0.0	631.9
1-1	|si	9	Ty	-631.9	0.0	-3.6	632.0
5-1	|si	9	Si	-1105.6	0.0	-3.6	1105.6

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	326.9	0.0	0.0	-28089.5	0.0	13.6
1-1	326.9	0.0	0.0	-16054.6	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	-1108.5	0.0	0.0	1108.5
1-1	|si	5	Tz	-634.9	0.5	0.0	634.9
1-1	|si	9	Ty	-631.8	0.0	-2.7	631.8
5-1	|si	5	Si	-1108.5	0.5	0.0	1108.5

PROGR. 41.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	560.4	0.0	0.0	-28086.7	0.0	9.0
1-1	560.4	0.0	0.0	-16051.7	0.0	9.0

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-1110.6	0.0	0.0	1110.6
1-1	si	5	Tz	-637.0	0.4	0.0	637.0
1-1	si	9	Ty	-631.7	0.0	-1.8	631.7
5-1	si	5	Si	-1110.6	0.4	0.0	1110.6

PROGR. 62.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	700.4	0.0	0.0	-28083.9	0.0	4.5
1-1	700.4	0.0	0.0	-16048.9	0.0	4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-1111.8	0.0	0.0	1111.8
1-1	si	5	Tz	-638.2	0.2	0.0	638.2
1-1	si	9	Ty	-631.6	0.0	-0.9	631.6
5-1	si	5	Si	-1111.8	0.2	0.0	1111.8

PROGR. 83.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	747.1	0.0	0.0	-28081.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-1112.1	0.0	0.0	1112.1

PROGR. 103.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	700.4	0.0	0.0	-28078.2	0.0	-4.5
1-1	700.4	0.0	0.0	-16043.2	0.0	-4.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-1111.6	0.0	0.0	1111.6
1-1	si	5	Tz	-637.9	-0.2	0.0	637.9
1-1	si	9	Ty	-631.4	0.0	0.9	631.4
5-1	si	5	Si	-1111.6	-0.2	0.0	1111.6

PROGR. 124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	560.4	0.0	0.0	-28075.3	0.0	-9.0
1-1	560.4	0.0	0.0	-16040.4	0.0	-9.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-1110.1	0.0	0.0	1110.1
1-1	si	5	Tz	-636.5	-0.4	0.0	636.5
1-1	si	9	Ty	-631.3	0.0	1.8	631.3
5-1	si	5	Si	-1110.1	-0.4	0.0	1110.1

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	326.9	0.0	0.0	-28072.5	0.0	-13.6
1-1	326.9	0.0	0.0	-16037.5	0.0	-13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-1107.8	0.0	0.0	1107.8
1-1	si	5	Tz	-634.2	-0.5	0.0	634.2
1-1	si	9	Ty	-631.1	0.0	2.7	631.2
5-1	si	5	Si	-1107.8	-0.5	0.0	1107.8

PROGR. 165.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-28069.7	0.0	-18.1
1-1	0.0	0.0	0.0	-16034.7	0.0	-18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-1104.7	0.0	0.0	1104.7
1-1	si	5	Tz	-631.0	-0.7	0.0	631.0
1-1	si	9	Ty	-631.0	0.0	3.6	631.1
5-1	si	9	Si	-1104.7	0.0	3.6	1104.7

VERIFICA STABILITA` :

$I_{L0} = 165.1$
 $Z \quad |Lc = 165.1 | Ro = 4.89 | lm = 33.8 | Ncr = 460574.7 | \alpha(b) = 0.3400 | ki = 0.9302 |$
 $Y \quad |Lc = 165.1 | Ro = 3.01 | lm = 54.9 | Ncr = 175048.6 | \alpha(c) = 0.4900 | ki = 0.7664 |$
 Caso 5-1 - Nodo 1 - Asse Y
 $Ned = -28092.4 | Mzeq = 647.5 | Myeq = 0.0 | Ss = -1449.1 (0.553)$

P_HEAL20_S005 (5) stato limite ultimo - ASTA (597- 760) 1342
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	13181.7	0.0	18.1
1-1	0.0	0.0	0.0	7588.8	0.0	18.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	518.8	0.0	0.0	518.8
1-1	si	5	Tz	298.7	0.7	0.0	298.7
1-1	si	9	Ty	298.7	0.0	-3.6	298.7
5-1	si	9	Si	518.8	0.0	-3.6	518.8

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	326.9	0.0	0.0	13178.9	0.0	13.6
1-1	326.9	0.0	0.0	7586.0	0.0	13.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	521.7	0.0	0.0	521.7
1-1	si	5	Tz	295.5	0.5	0.0	295.5
1-1	si	9	Ty	298.5	0.0	-2.7	298.6
5-1	si	7	Si	521.7	-0.5	0.0	521.7

Copertura area carburante - Relazione di calcolo

----- PROGR. 41.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	560.4	0.0	0.0	13176.1	0.0	9.0
1- 1	560.4	0.0	0.0	7583.2	0.0	9.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	523.8	0.0	0.0	523.8
1- 1	si	5	Tz	293.2	0.4	0.0	293.2
1- 1	si	9	Ty	298.4	0.0	-1.8	298.4
5- 1	si	7	Si	523.8	-0.4	0.0	523.8

----- PROGR. 62.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	13173.2	0.0	4.5
1- 1	700.4	0.0	0.0	7580.3	0.0	4.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	525.0	0.0	0.0	525.0
1- 1	si	5	Tz	291.7	0.2	0.0	291.7
1- 1	si	9	Ty	298.3	0.0	-0.9	298.3
5- 1	si	7	Si	525.0	-0.2	0.0	525.0

----- PROGR. 83.
 SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | 747.1 | 0.0 | 0.0 | 13170.4 | 0.0 | 0.0 |

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 5- 1 |si| 3 |Sx | 525.3 | 0.0 | 0.0 | 525.3 |

----- PROGR. 103.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	700.4	0.0	0.0	13167.5	0.0	-4.5
1- 1	700.4	0.0	0.0	7574.6	0.0	-4.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	524.8	0.0	0.0	524.8
1- 1	si	5	Tz	291.5	-0.2	0.0	291.5
1- 1	si	9	Ty	298.1	0.0	0.9	298.1
5- 1	si	7	Si	524.8	0.2	0.0	524.8

----- PROGR. 124.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	560.4	0.0	0.0	13164.7	0.0	-9.0
1- 1	560.4	0.0	0.0	7571.8	0.0	-9.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	523.3	0.0	0.0	523.3
1- 1	si	5	Tz	292.7	-0.4	0.0	292.7
1- 1	si	9	Ty	298.0	0.0	1.8	298.0
5- 1	si	7	Si	523.3	0.4	0.0	523.3

----- PROGR. 145.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	326.9	0.0	0.0	13161.9	0.0	-13.6
1- 1	326.9	0.0	0.0	7569.0	0.0	-13.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx	521.0	0.0	0.0	521.0
1- 1	si	5	Tz	294.8	-0.5	0.0	294.8
1- 1	si	9	Ty	297.9	0.0	2.7	297.9
5- 1	si	7	Si	521.0	0.5	0.0	521.0

----- PROGR. 165.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	13159.0	0.0	-18.1
1- 1	0.0	0.0	0.0	7566.1	0.0	-18.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	517.9	0.0	0.0	517.9
1- 1	si	5	Tz	297.8	-0.7	0.0	297.8
1- 1	si	9	Ty	297.8	0.0	3.6	297.8
5- 1	si	9	Si	517.9	0.0	3.6	517.9

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (760- 598) 1343
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-9732.3	0.0	18.1
1- 1	0.0	0.0	0.0	-5693.0	0.0	18.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-383.0	0.0	0.0	383.0
1- 1	si	5	Tz	-224.0	0.7	0.0	224.0
1- 1	si	9	Ty	-224.0	0.0	-3.6	224.1
5- 1	si	9	Si	-383.0	0.0	-3.6	383.1

----- PROGR. 21.
 SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	326.9	0.0	0.0	-9729.4	0.0	13.6
1- 1	326.9	0.0	0.0	-5690.2	0.0	13.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-386.0	0.0	0.0	386.0
1- 1	si	5	Tz	-227.0	0.5	0.0	227.0
1- 1	si	9	Ty	-223.9	0.0	-2.7	224.0
5- 1	si	5	Si	-386.0	0.5	0.0	386.0

Copertura area carburante - Relazione di calcolo

----- PROGR. 41.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	560.4	0.0	0.0	-9726.6	0.0	9.0			
| 1- 1 |	560.4	0.0	0.0	-5687.4	0.0	9.0			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si	1	Sx	-388.0	0.0	0.0	388.0		
| 1- 1 |	si	5	Tz	-229.1	0.4	0.0	229.1		
| 1- 1 |	si	9	Ty	-223.8	0.0	-1.8	223.8		
| 5- 1 |	si	5	Si	-388.0	0.4	0.0	388.0		
----- PROGR. 62.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	700.4	0.0	0.0	-9723.8	0.0	4.5			
| 1- 1 |	700.4	0.0	0.0	-5684.5	0.0	4.5			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si	1	Sx	-389.2	0.0	0.0	389.2		
| 1- 1 |	si	5	Tz	-230.3	0.2	0.0	230.3		
| 1- 1 |	si	9	Ty	-223.7	0.0	-0.9	223.7		
| 5- 1 |	si	5	Si	-389.2	0.2	0.0	389.2		
----- PROGR. 83.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	747.1	0.0	0.0	-9720.9	0.0	0.0			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si	1	Sx	-389.6	0.0	0.0	389.6		
----- PROGR. 103.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	700.4	0.0	0.0	-9718.1	0.0	-4.5			
| 1- 1 |	700.4	0.0	0.0	-5678.8	0.0	-4.5			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si	1	Sx	-389.0	0.0	0.0	389.0		
| 1- 1 |	si	5	Tz	-230.1	-0.2	0.0	230.1		
| 1- 1 |	si	9	Ty	-223.5	0.0	0.9	223.5		
| 5- 1 |	si	5	Si	-389.0	-0.2	0.0	389.0		
----- PROGR. 124.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	560.4	0.0	0.0	-9715.2	0.0	-9.0			
| 1- 1 |	560.4	0.0	0.0	-5676.0	0.0	-9.0			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si	1	Sx	-387.6	0.0	0.0	387.6		
| 1- 1 |	si	5	Tz	-228.6	-0.4	0.0	228.6		
| 1- 1 |	si	9	Ty	-223.4	0.0	1.8	223.4		
| 5- 1 |	si	5	Si	-387.6	-0.4	0.0	387.6		
----- PROGR. 145.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	326.9	0.0	0.0	-9712.4	0.0	-13.6			
| 1- 1 |	326.9	0.0	0.0	-5673.2	0.0	-13.6			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si	1	Sx	-385.3	0.0	0.0	385.3		
| 1- 1 |	si	5	Tz	-226.3	-0.5	0.0	226.3		
| 1- 1 |	si	9	Ty	-223.3	0.0	2.7	223.3		
| 5- 1 |	si	5	Si	-385.3	-0.5	0.0	385.3		
----- PROGR. 165.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	0.0	0.0	0.0	-9709.6	0.0	-18.1			
| 1- 1 |	0.0	0.0	0.0	-5670.3	0.0	-18.1			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si	1	Sx	-382.1	0.0	0.0	382.1		
| 1- 1 |	si	5	Tz	-223.2	-0.7	0.0	223.2		
| 1- 1 |	si	9	Ty	-223.2	0.0	3.6	223.2		
| 5- 1 |	si	9	Si	-382.1	0.0	3.6	382.2		
----- PROGR. 21.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	0.0	0.0	0.0	-4667.0	0.0	18.1			
| 1- 1 |	0.0	0.0	0.0	-2379.7	0.0	18.1			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si	1	Sx	-183.7	0.0	0.0	183.7		
| 1- 1 |	si	5	Tz	-93.7	0.7	0.0	93.7		
| 1- 1 |	si	9	Ty	-93.7	0.0	-3.6	93.9		
| 6- 1 |	si	9	Si	-183.7	0.0	-3.6	183.8		
----- PROGR. 21.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	326.9	0.0	0.0	-4669.9	0.0	13.6			
| 1- 1 |	326.9	0.0	0.0	-2382.5	0.0	13.6			

VERIFICA STABILITA` :

|L0 = 165. |
 Z |Lc = 165. |Ro = 4.89 |lm = 33.8 |Ncr= 460574.7 |alfa(b)=0.3400 |ki=0.9302 |
 Y |Lc = 165. |Ro = 3.01 |lm = 54.9 |Ncr= 175048.6 |alfa(c)=0.4900 |ki=0.7664 |
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -9732.3 |Mzeq = 647.5 |Myeq = 0.0 |Ss = -506.0 (0.193)

P_HEA120_S005 (5) stato limite ultimo - ASTA (598- 762) 1344
 ----- PROGR. 0.

SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	0.0	0.0	0.0	-4667.0	0.0	18.1			
| 1- 1 |	0.0	0.0	0.0	-2379.7	0.0	18.1			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve	No	massimi	Sx	Tz	Ty	Si		
| 6- 1 |	si	1	Sx	-183.7	0.0	0.0	183.7		
| 1- 1 |	si	5	Tz	-93.7	0.7	0.0	93.7		
| 1- 1 |	si	9	Ty	-93.7	0.0	-3.6	93.9		
| 6- 1 |	si	9	Si	-183.7	0.0	-3.6	183.8		
----- PROGR. 21.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	326.9	0.0	0.0	-4669.9	0.0	13.6			
| 1- 1 |	326.9	0.0	0.0	-2382.5	0.0	13.6			

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	-186.8|	0.0|	0.0|	186.8|	
| 1- 1|	|si|	5|	Tz	-96.8|	0.5|	0.0|	96.8|	
| 1- 1|	|si|	9|	Ty	-93.8|	0.0|	-2.7|	93.9|	
| 6- 1|	|si|	5|	Si	-186.8|	0.5|	0.0|	186.8|	
-----							PROGR.	41.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	560.4|	0.0|	0.0|	-4672.7|	0.0|	9.0|		
| 1- 1|	560.4|	0.0|	0.0|	-2385.4|	0.0|	9.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	-189.1|	0.0|	0.0|	189.1|	
| 1- 1|	|si|	5|	Tz	-99.1|	0.4|	0.0|	99.1|	
| 1- 1|	|si|	9|	Ty	-93.9|	0.0|	-1.8|	93.9|	
| 6- 1|	|si|	5|	Si	-189.1|	0.4|	0.0|	189.1|	
-----							PROGR.	62.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	700.4|	0.0|	0.0|	-4675.6|	0.0|	4.5|		
| 1- 1|	700.4|	0.0|	0.0|	-2388.2|	0.0|	4.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	-190.6|	0.0|	0.0|	190.6|	
| 1- 1|	|si|	5|	Tz	-100.6|	0.2|	0.0|	100.6|	
| 1- 1|	|si|	9|	Ty	-94.0|	0.0|	-0.9|	94.0|	
| 6- 1|	|si|	5|	Si	-190.6|	0.2|	0.0|	190.6|	
-----							PROGR.	83.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	747.1|	0.0|	0.0|	-4678.4|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	-191.1|	0.0|	0.0|	191.1|	
-----							PROGR.	103.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	700.4|	0.0|	0.0|	-4681.2|	0.0|	-4.5|		
| 1- 1|	700.4|	0.0|	0.0|	-2393.9|	0.0|	-4.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	-190.8|	0.0|	0.0|	190.8|	
| 1- 1|	|si|	5|	Tz	-100.8|	-0.2|	0.0|	100.8|	
| 1- 1|	|si|	9|	Ty	-94.2|	0.0|	0.9|	94.2|	
| 6- 1|	|si|	5|	Si	-190.8|	-0.2|	0.0|	190.8|	
-----							PROGR.	124.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	560.4|	0.0|	0.0|	-4684.1|	0.0|	-9.0|		
| 1- 1|	560.4|	0.0|	0.0|	-2396.7|	0.0|	-9.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	-189.6|	0.0|	0.0|	189.6|	
| 1- 1|	|si|	5|	Tz	-99.6|	-0.4|	0.0|	99.6|	
| 1- 1|	|si|	9|	Ty	-94.3|	0.0|	1.8|	94.4|	
| 6- 1|	|si|	5|	Si	-189.6|	-0.4|	0.0|	189.6|	
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	326.9|	0.0|	0.0|	-4686.9|	0.0|	-13.6|		
| 1- 1|	326.9|	0.0|	0.0|	-2399.6|	0.0|	-13.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	-187.5|	0.0|	0.0|	187.5|	
| 1- 1|	|si|	5|	Tz	-97.5|	-0.5|	0.0|	97.5|	
| 1- 1|	|si|	9|	Ty	-94.4|	0.0|	2.7|	94.5|	
| 6- 1|	|si|	5|	Si	-187.5|	-0.5|	0.0|	187.5|	
-----							PROGR.	165.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	-4689.8|	0.0|	-18.1|		
| 1- 1|	0.0|	0.0|	0.0|	-2402.4|	0.0|	-18.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	-184.6|	0.0|	0.0|	184.6|	
| 1- 1|	|si|	5|	Tz	-94.5|	-0.7|	0.0|	94.6|	
| 1- 1|	|si|	9|	Ty	-94.5|	0.0|	3.6|	94.7|	
| 6- 1|	|si|	9|	Si	-184.6|	0.0|	3.6|	184.7|	
-----							PROGR.	0.
VERIFICA STABILITA' :								
|L0 = 165.0|								
Z	|Lc = 165.0|	|Ro = 4.89|	|lm = 33.8|	|Ncr= 460574.7|	|alfa(b)=0.3400|	|ki=0.9302|		
Y	|Lc = 165.0|	|Ro = 3.01|	|lm = 54.9|	|Ncr= 175048.6|	|alfa(c)=0.4900|	|ki=0.7664|		
Caso 6- 1 - Nodo 1 - Asse Y								
Ned =	-4689.8|	|Mzeq = 647.5|	|Myeq = 0.0|	|Ss = -247.0	(0.094)			
P_HEA120_S005 (5) stato limite ultimo - ASTA (762- 599) 1345								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	0.0|	0.0|	0.0|	8206.9|	0.0|	18.1|		
| 1- 1|	0.0|	0.0|	0.0|	4389.7|	0.0|	18.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si|	1|	Sx	323.0|	0.0|	0.0|	323.0|	
| 1- 1|	|si|	5|	Tz	172.8|	0.7|	0.0|	172.8|	
| 1- 1|	|si|	9|	Ty	172.8|	0.0|	-3.6|	172.9|	

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Si	323.0|	0.0|	-3.6|	323.0|					

PROGR. 21.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	326.9|	0.0|	0.0|	8209.8|	0.0|	13.6|				
| 1- 1|	326.9|	0.0|	0.0|	4392.6|	0.0|	13.6|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 3|Sx |	326.2|	0.0|	0.0|	326.2|						
| 1- 1|si| 5| Tz |	169.8|	0.5|	0.0|	169.8|						
| 1- 1|si| 9| Ty |	172.9|	0.0|	-2.7|	172.9|						
| 6- 1|si| 7| Si |	326.2|	-0.5|	0.0|	326.2|						

PROGR. 41.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	560.4|	0.0|	0.0|	8212.6|	0.0|	9.0|				
| 1- 1|	560.4|	0.0|	0.0|	4395.4|	0.0|	9.0|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 3|Sx |	328.5|	0.0|	0.0|	328.5|						
| 1- 1|si| 5| Tz |	167.7|	0.4|	0.0|	167.7|						
| 1- 1|si| 9| Ty |	173.0|	0.0|	-1.8|	173.0|						
| 6- 1|si| 7| Si |	328.5|	-0.4|	0.0|	328.5|						

PROGR. 62.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	700.4|	0.0|	0.0|	8215.5|	0.0|	4.5|				
| 1- 1|	700.4|	0.0|	0.0|	4398.3|	0.0|	4.5|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 3|Sx |	329.9|	0.0|	0.0|	329.9|						
| 1- 1|si| 5| Tz |	166.5|	0.2|	0.0|	166.5|						
| 1- 1|si| 9| Ty |	173.1|	0.0|	-0.9|	173.1|						
| 6- 1|si| 7| Si |	329.9|	-0.2|	0.0|	329.9|						

PROGR. 83.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	747.1|	0.0|	0.0|	8218.3|	0.0|	0.0|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 3|Sx |	330.4|	0.0|	0.0|	330.4|						

PROGR. 103.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	700.4|	0.0|	0.0|	8221.1|	0.0|	-4.5|				
| 1- 1|	700.4|	0.0|	0.0|	4403.9|	0.0|	-4.5|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 3|Sx |	330.1|	0.0|	0.0|	330.1|						
| 1- 1|si| 5| Tz |	166.7|	-0.2|	0.0|	166.7|						
| 1- 1|si| 9| Ty |	173.3|	0.0|	0.9|	173.3|						
| 6- 1|si| 7| Si |	330.1|	0.2|	0.0|	330.1|						

PROGR. 124.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	560.4|	0.0|	0.0|	8224.0|	0.0|	-9.0|				
| 1- 1|	560.4|	0.0|	0.0|	4406.8|	0.0|	-9.0|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 3|Sx |	328.9|	0.0|	0.0|	328.9|						
| 1- 1|si| 5| Tz |	168.2|	-0.4|	0.0|	168.2|						
| 1- 1|si| 9| Ty |	173.4|	0.0|	1.8|	173.5|						
| 6- 1|si| 7| Si |	328.9|	0.4|	0.0|	328.9|						

PROGR. 145.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	326.9|	0.0|	0.0|	8226.8|	0.0|	-13.6|				
| 1- 1|	326.9|	0.0|	0.0|	4409.6|	0.0|	-13.6|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 3|Sx |	326.8|	0.0|	0.0|	326.8|						
| 1- 1|si| 5| Tz |	170.5|	-0.5|	0.0|	170.5|						
| 1- 1|si| 9| Ty |	173.5|	0.0|	2.7|	173.6|						
| 6- 1|si| 7| Si |	326.8|	0.5|	0.0|	326.8|						

PROGR. 165.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	0.0|	0.0|	0.0|	8229.7|	0.0|	-18.1|				
| 1- 1|	0.0|	0.0|	0.0|	4412.5|	0.0|	-18.1|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 1|Sx |	323.9|	0.0|	0.0|	323.9|						
| 1- 1|si| 5| Tz |	173.6|	-0.7|	0.0|	173.7|						
| 1- 1|si| 9| Ty |	173.6|	0.0|	3.6|	173.8|						
| 6- 1|si| 9| Si |	323.9|	0.0|	3.6|	323.9|						

VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

P_HEA120_S005 (5) stato limite ultimo - ASTA (599- 764) 1346

PROGR. 0.

SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	0.0|	0.0|	0.0|	-23792.9|	0.0|	18.1|				
| 1- 1|	0.0|	0.0|	0.0|	-13240.6|	0.0|	18.1|				
TENSIONI (Sz= 0.00) :										
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |						
| 6- 1|si| 1|Sx |	-936.4|	0.0|	0.0|	936.4|						
| 1- 1|si| 5| Tz |	-521.1|	0.7|	0.0|	521.1|						
| 1- 1|si| 9| Ty |	-521.1|	0.0|	-3.6|	521.1|						

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Si|	-936.4|	0.0|	-3.6|	936.4|	21.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	326.9|	0.0|	0.0|	-23795.7|	0.0|	13.6|
| 1- 1|	326.9|	0.0|	0.0|	-13243.5|	0.0|	13.6|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |		-939.5|	0.0|	0.0|	939.5|	
| 1- 1|si| 5| Tz |		-524.3|	0.5|	0.0|	524.3|	
| 1- 1|si| 9| Ty |		-521.2|	0.0|	-2.7|	521.2|	
| 6- 1|si| 5| Si |		-939.5|	0.5|	0.0|	939.5|	

PROGR. 41.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	560.4|	0.0|	0.0|	-23798.6|	0.0|	9.0|
| 1- 1|	560.4|	0.0|	0.0|	-13246.3|	0.0|	9.0|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |		-941.8|	0.0|	0.0|	941.8|	
| 1- 1|si| 5| Tz |		-526.6|	0.4|	0.0|	526.6|	
| 1- 1|si| 9| Ty |		-521.3|	0.0|	-1.8|	521.3|	
| 6- 1|si| 5| Si |		-941.8|	0.4|	0.0|	941.8|	

PROGR. 62.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	700.4|	0.0|	0.0|	-23801.4|	0.0|	4.5|
| 1- 1|	700.4|	0.0|	0.0|	-13249.1|	0.0|	4.5|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |		-943.3|	0.0|	0.0|	943.3|	
| 1- 1|si| 5| Tz |		-528.0|	0.2|	0.0|	528.0|	
| 1- 1|si| 9| Ty |		-521.4|	0.0|	-0.9|	521.4|	
| 6- 1|si| 5| Si |		-943.3|	0.2|	0.0|	943.3|	

PROGR. 83.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	747.1|	0.0|	0.0|	-23804.2|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |		-943.8|	0.0|	0.0|	943.8|	

PROGR. 103.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	700.4|	0.0|	0.0|	-23807.1|	0.0|	-4.5|
| 1- 1|	700.4|	0.0|	0.0|	-13254.8|	0.0|	-4.5|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |		-943.5|	0.0|	0.0|	943.5|	
| 1- 1|si| 5| Tz |		-528.2|	-0.2|	0.0|	528.2|	
| 1- 1|si| 9| Ty |		-521.6|	0.0|	0.9|	521.6|	
| 6- 1|si| 5| Si |		-943.5|	-0.2|	0.0|	943.5|	

PROGR. 124.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	560.4|	0.0|	0.0|	-23809.9|	0.0|	-9.0|
| 1- 1|	560.4|	0.0|	0.0|	-13257.7|	0.0|	-9.0|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |		-942.3|	0.0|	0.0|	942.3|	
| 1- 1|si| 5| Tz |		-527.0|	-0.4|	0.0|	527.0|	
| 1- 1|si| 9| Ty |		-521.7|	0.0|	1.8|	521.8|	
| 6- 1|si| 5| Si |		-942.3|	-0.4|	0.0|	942.3|	

PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	326.9|	0.0|	0.0|	-23812.8|	0.0|	-13.6|
| 1- 1|	326.9|	0.0|	0.0|	-13260.5|	0.0|	-13.6|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |		-940.2|	0.0|	0.0|	940.2|	
| 1- 1|si| 5| Tz |		-524.9|	-0.5|	0.0|	524.9|	
| 1- 1|si| 9| Ty |		-521.9|	0.0|	2.7|	521.9|	
| 6- 1|si| 5| Si |		-940.2|	-0.5|	0.0|	940.2|	

PROGR. 165.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-23815.6|	0.0|	-18.1|
| 1- 1|	0.0|	0.0|	0.0|	-13263.3|	0.0|	-18.1|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |		-937.2|	0.0|	0.0|	937.2|	
| 1- 1|si| 5| Tz |		-522.0|	-0.7|	0.0|	522.0|	
| 1- 1|si| 9| Ty |		-522.0|	0.0|	3.6|	522.0|	
| 6- 1|si| 9| Si |		-937.2|	0.0|	3.6|	937.3|	

VERIFICA STABILITA` :						
|L0 = 165. |						
Z |Lc = 165. |Ro = 4.89|lm = 33.8|Ncr= 460574.7|alfa(b)=0.3400|ki=0.9302|						
Y |Lc = 165. |Ro = 3.01|lm = 54.9|Ncr= 175048.6|alfa(c)=0.4900|ki=0.7664|						
Caso 6- 1 - Nodo 1 - Asse Y						
Ned = -23815.6|Mzeq = 647.5|Myeq = 0.0|Ss = -1229.4 (0.469)						
P_HEA120_S005 (5) stato limite ultimo - ASTA (764- 336) 1347						

PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	27551.9|	0.0|	18.1|

Copertura area carburante - Relazione di calcolo

| 1- 1|	0.0|	0.0|	0.0|	15360.2|	0.0|	18.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	1084.3|	0.0|	0.0|	1084.3|		
| 1- 1|si| 5| Tz |	604.5|	0.7|	0.0|	604.5|		
| 1- 1|si| 9| Ty |	604.5|	0.0|	-3.6|	604.5|		
| 6- 1|si| 9| Si |	1084.3|	0.0|	-3.6|	1084.3|		

----- PROGR. 21.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	326.9|	0.0|	0.0|	27554.7|	0.0|	13.6|
| 1- 1|	326.9|	0.0|	0.0|	15363.0|	0.0|	13.6|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	1087.5|	0.0|	0.0|	1087.5|		
| 1- 1|si| 5| Tz |	601.5|	0.5|	0.0|	601.5|		
| 1- 1|si| 9| Ty |	604.6|	0.0|	-2.7|	604.6|		
| 6- 1|si| 7| Si |	1087.5|	-0.5|	0.0|	1087.5|		

----- PROGR. 41.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	560.4|	0.0|	0.0|	27557.6|	0.0|	9.0|
| 1- 1|	560.4|	0.0|	0.0|	15365.9|	0.0|	9.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	1089.8|	0.0|	0.0|	1089.8|		
| 1- 1|si| 5| Tz |	599.5|	0.4|	0.0|	599.5|		
| 1- 1|si| 9| Ty |	604.7|	0.0|	-1.8|	604.7|		
| 6- 1|si| 7| Si |	1089.8|	-0.4|	0.0|	1089.8|		

----- PROGR. 62.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	700.4|	0.0|	0.0|	27560.4|	0.0|	4.5|
| 1- 1|	700.4|	0.0|	0.0|	15368.7|	0.0|	4.5|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	1091.2|	0.0|	0.0|	1091.2|		
| 1- 1|si| 5| Tz |	598.3|	0.2|	0.0|	598.3|		
| 1- 1|si| 9| Ty |	604.8|	0.0|	-0.9|	604.8|		
| 6- 1|si| 7| Si |	1091.2|	-0.2|	0.0|	1091.2|		

----- PROGR. 83.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	747.1|	0.0|	0.0|	27563.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	1091.7|	0.0|	0.0|	1091.7|		

----- PROGR. 103.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	700.4|	0.0|	0.0|	27566.1|	0.0|	-4.5|
| 1- 1|	700.4|	0.0|	0.0|	15374.4|	0.0|	-4.5|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	1091.4|	0.0|	0.0|	1091.4|		
| 1- 1|si| 5| Tz |	598.5|	-0.2|	0.0|	598.5|		
| 1- 1|si| 9| Ty |	605.0|	0.0|	0.9|	605.1|		
| 6- 1|si| 7| Si |	1091.4|	0.2|	0.0|	1091.4|		

----- PROGR. 124.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	560.4|	0.0|	0.0|	27568.9|	0.0|	-9.0|
| 1- 1|	560.4|	0.0|	0.0|	15377.2|	0.0|	-9.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	1090.2|	0.0|	0.0|	1090.2|		
| 1- 1|si| 5| Tz |	599.9|	-0.4|	0.0|	599.9|		
| 1- 1|si| 9| Ty |	605.2|	0.0|	1.8|	605.2|		
| 6- 1|si| 7| Si |	1090.2|	0.4|	0.0|	1090.2|		

----- PROGR. 145.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	326.9|	0.0|	0.0|	27571.8|	0.0|	-13.6|
| 1- 1|	326.9|	0.0|	0.0|	15380.1|	0.0|	-13.6|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	1088.1|	0.0|	0.0|	1088.1|		
| 1- 1|si| 5| Tz |	602.2|	-0.5|	0.0|	602.2|		
| 1- 1|si| 9| Ty |	605.3|	0.0|	2.7|	605.3|		
| 6- 1|si| 7| Si |	1088.1|	0.5|	0.0|	1088.1|		

----- PROGR. 165.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	27574.6|	0.0|	-18.1|
| 1- 1|	0.0|	0.0|	0.0|	15382.9|	0.0|	-18.1|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	1085.2|	0.0|	0.0|	1085.2|		
| 1- 1|si| 5| Tz |	605.4|	-0.7|	0.0|	605.4|		
| 1- 1|si| 9| Ty |	605.4|	0.0|	3.6|	605.4|		
| 6- 1|si| 9| Si |	1085.2|	0.0|	3.6|	1085.2|		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5)	stato limite ultimo - ASTA (336- 766)	1348
----- PROGR.		0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	22978.7|	0.0|	18.7|

Copertura area carburante - Relazione di calcolo

| 6- 1|	0.0|	0.0|	0.0|	22299.6|	0.0|	18.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	904.3|	0.0|	0.0|	904.3|		
| 6- 1|si| 6| Tz |	877.6|	-0.7|	0.0|	877.6|		
| 6- 1|si| 9| Ty |	877.6|	0.0|	-3.7|	877.6|		
| 5- 1|si| 9| Si |	904.3|	0.0|	-3.7|	904.3|		

----- PROGR. 21.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	347.3|	0.0|	0.0|	22975.9|	0.0|	14.0|
| 6- 1|	347.3|	0.0|	0.0|	22296.8|	0.0|	14.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 3|Sx |	907.5|	0.0|	0.0|	907.5|		
| 6- 1|si| 6| Tz |	874.2|	-0.6|	0.0|	874.2|		
| 5- 1|si| 9| Ty |	904.2|	0.0|	-2.8|	904.2|		
| 5- 1|si| 7| Si |	907.5|	-0.6|	0.0|	907.5|		

----- PROGR. 42.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	595.3|	0.0|	0.0|	22973.1|	0.0|	9.4|
| 6- 1|	595.3|	0.0|	0.0|	22294.0|	0.0|	9.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	909.7|	0.0|	0.0|	909.7|		
| 6- 1|si| 6| Tz |	871.8|	-0.4|	0.0|	871.8|		
| 6- 1|si| 9| Ty |	877.4|	0.0|	-1.8|	877.4|		
| 5- 1|si| 7| Si |	909.7|	-0.4|	0.0|	909.7|		

----- PROGR. 64.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	744.1|	0.0|	0.0|	22970.2|	0.0|	4.7|
| 6- 1|	744.1|	0.0|	0.0|	22291.1|	0.0|	4.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	911.0|	0.0|	0.0|	911.0|		
| 6- 1|si| 6| Tz |	870.3|	-0.2|	0.0|	870.3|		
| 6- 1|si| 9| Ty |	877.3|	0.0|	-0.9|	877.3|		
| 5- 1|si| 7| Si |	911.0|	-0.2|	0.0|	911.0|		

----- PROGR. 85.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	793.7|	0.0|	0.0|	22967.4|	0.0|	0.0|
| 6- 1|	793.7|	0.0|	0.0|	22288.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	911.3|	0.0|	0.0|	911.3|		
| 6- 1|si| 6| Tz |	869.7|	0.0|	0.0|	869.7|		
| 6- 1|si| 9| Ty |	877.1|	0.0|	0.0|	877.1|		

----- PROGR. 106.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	744.1|	0.0|	0.0|	22964.5|	0.0|	-4.7|
| 8- 2|	744.1|	0.0|	0.0|	6139.3|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	910.7|	0.0|	0.0|	910.7|		
| 5- 1|si| 5| Tz |	896.8|	-0.2|	0.0|	896.8|		
| 8- 2|si| 9| Ty |	241.6|	0.0|	0.9|	241.6|		
| 5- 1|si| 7| Si |	910.7|	0.2|	0.0|	910.7|		

----- PROGR. 127.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	595.3|	0.0|	0.0|	22961.7|	0.0|	-9.4|
| 8- 2|	595.3|	0.0|	0.0|	6136.5|	0.0|	-9.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	909.2|	0.0|	0.0|	909.2|		
| 5- 1|si| 5| Tz |	898.1|	-0.4|	0.0|	898.1|		
| 8- 2|si| 9| Ty |	241.5|	0.0|	1.8|	241.5|		
| 5- 1|si| 7| Si |	909.2|	0.4|	0.0|	909.2|		

----- PROGR. 148.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	347.3|	0.0|	0.0|	22958.9|	0.0|	-14.0|
| 8- 2|	347.3|	0.0|	0.0|	6133.6|	0.0|	-14.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	906.8|	0.0|	0.0|	906.8|		
| 5- 1|si| 5| Tz |	900.3|	-0.6|	0.0|	900.3|		
| 8- 2|si| 9| Ty |	241.4|	0.0|	2.8|	241.4|		
| 5- 1|si| 7| Si |	906.8|	0.6|	0.0|	906.8|		

----- PROGR. 170.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	22956.0|	0.0|	-18.7|
| 8- 2|	0.0|	0.0|	0.0|	6130.8|	0.0|	-18.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	903.4|	0.0|	0.0|	903.4|		
| 5- 1|si| 5| Tz |	903.4|	-0.7|	0.0|	903.4|		
| 8- 2|si| 9| Ty |	241.3|	0.0|	3.7|	241.4|		
| 5- 1|si| 9| Si |	903.4|	0.0|	3.7|	903.4|		

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5)	stato limite ultimo - ASTA (766- 642)	1349
----- PROGR.		0.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| -19008.5|      0.0|     18.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -748.1|      0.0|      0.0|     748.1|
| 5- 1|si| 5| Tz |      -748.1|      0.7|      0.0|     748.1|
| 5- 1|si| 9| TySi|      -748.1|      0.0|     -3.7|     748.1|
-----
PROGR.      21.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     347.3|      0.0|      0.0| -19005.7|      0.0|     14.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -751.2|      0.0|      0.0|     751.2|
| 5- 1|si| 5| Tz Si|      -751.2|      0.6|      0.0|     751.2|
| 5- 1|si| 9| Ty |      -748.0|      0.0|     -2.8|     748.0|
-----
PROGR.      42.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     595.3|      0.0|      0.0| -19002.9|      0.0|      9.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -753.4|      0.0|      0.0|     753.4|
| 5- 1|si| 5| Tz Si|      -753.4|      0.4|      0.0|     753.4|
| 5- 1|si| 9| Ty |      -747.8|      0.0|     -1.8|     747.9|
-----
PROGR.      64.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     744.1|      0.0|      0.0| -19000.0|      0.0|      4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -754.7|      0.0|      0.0|     754.7|
| 5- 1|si| 5| Tz Si|      -754.7|      0.2|      0.0|     754.7|
| 5- 1|si| 9| Ty |      -747.7|      0.0|     -0.9|     747.7|
-----
PROGR.      85.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     793.7|      0.0|      0.0| -18997.2|      0.0|      0.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx Si|      -755.1|      0.0|      0.0|     755.1|
| 5- 1|si| 5| Tz |      -755.1|      0.0|      0.0|     755.1|
| 5- 1|si| 9| Ty |      -747.6|      0.0|      0.0|     747.6|
-----
PROGR.      106.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     744.1|      0.0|      0.0| -18994.3|      0.0|     -4.7|
| 7- 2 |     744.1|      0.0|      0.0| -4205.4|      0.0|     -4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -754.5|      0.0|      0.0|     754.5|
| 5- 1|si| 6| Tz |      -754.5|      0.2|      0.0|     754.5|
| 7- 2|si| 9| Ty |      -165.5|      0.0|      0.9|     165.5|
| 5- 1|si| 5| Si |      -754.5|     -0.2|      0.0|     754.5|
-----
PROGR.      127.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     595.3|      0.0|      0.0| -18991.5|      0.0|     -9.4|
| 7- 2 |     595.3|      0.0|      0.0| -4202.6|      0.0|     -9.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -753.0|      0.0|      0.0|     753.0|
| 5- 1|si| 6| Tz |      -753.0|      0.4|      0.0|     753.0|
| 7- 2|si| 9| Ty |      -165.4|      0.0|      1.8|     165.4|
| 5- 1|si| 5| Si |      -753.0|     -0.4|      0.0|     753.0|
-----
PROGR.      148.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     347.3|      0.0|      0.0| -18988.7|      0.0|    -14.0|
| 7- 2 |     347.3|      0.0|      0.0| -4199.8|      0.0|    -14.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -750.5|      0.0|      0.0|     750.5|
| 5- 1|si| 6| Tz |      -750.5|      0.6|      0.0|     750.5|
| 7- 2|si| 9| Ty |      -165.3|      0.0|      2.8|     165.3|
| 5- 1|si| 5| Si |      -750.5|     -0.6|      0.0|     750.5|
-----
PROGR.      170.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0|      0.0|      0.0| -18985.8|      0.0|    -18.7|
| 7- 2 |      0.0|      0.0|      0.0| -4196.9|      0.0|    -18.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -747.2|      0.0|      0.0|     747.2|
| 5- 1|si| 6| Tz |      -747.2|      0.7|      0.0|     747.2|
| 7- 2|si| 9| Ty |      -165.2|      0.0|      3.7|     165.3|
| 5- 1|si| 9| Si |      -747.2|      0.0|      3.7|     747.2|
-----
PROGR.      0.

VERIFICA STABILITA` :
|L0 = 170.0|
Z |Lc = 170.0|Ro = 4.89|lm = 34.7|Ncr= 437761.3|alfa(b)=0.3400|ki=0.9263|
Y |Lc = 170.0|Ro = 3.01|lm = 56.3|Ncr= 166378.0|alfa(c)=0.4900|ki=0.7565|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -19008.5|Mzeq = 687.9|Myeq = 0.0|Ss = -995.5 ( 0.380)

P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 642- 768) 1350
-----
PROGR.      0.

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Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
| 12-13 |	0.0	0.0	0.0	3378.6	0.0	14.4	
| 5- 1 |	0.0	0.0	0.0	3236.9	0.0	18.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 1 | Sx	133.0	0.0	0.0	133.0		
| 5- 1 |	si | 6 | Tz	127.4	-0.7	0.0	127.4		
| 5- 1 |	si | 9 | Ty	127.4	0.0	-3.7	127.5		
| 12-13 |	si | 9 | Si	133.0	0.0	-2.8	133.1		
							21.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-13 |	267.1	0.0	0.0	3376.4	0.0	10.8	
| 5- 1 |	347.3	0.0	0.0	3234.0	0.0	14.0	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 4 | Sx	135.4	0.0	0.0	135.4		
| 5- 1 |	si | 6 | Tz	124.0	-0.6	0.0	124.0		
| 5- 1 |	si | 9 | Ty	127.3	0.0	-2.8	127.4		
| 12-13 |	si | 7 | Si	135.4	-0.4	0.0	135.4		
							42.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-13 |	457.9	0.0	0.0	3374.2	0.0	7.2	
| 5- 1 |	595.3	0.0	0.0	3231.2	0.0	9.4	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 4 | Sx	137.1	0.0	0.0	137.1		
| 5- 1 |	si | 6 | Tz	121.6	-0.4	0.0	121.6		
| 5- 1 |	si | 9 | Ty	127.2	0.0	-1.8	127.2		
| 12-13 |	si | 7 | Si	137.1	-0.3	0.0	137.1		
							64.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-13 |	572.4	0.0	0.0	3372.0	0.0	3.6	
| 5- 1 |	744.1	0.0	0.0	3228.4	0.0	4.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 4 | Sx	138.1	0.0	0.0	138.1		
| 5- 1 |	si | 6 | Tz	120.1	-0.2	0.0	120.1		
| 5- 1 |	si | 9 | Ty	127.1	0.0	-0.9	127.1		
| 12-13 |	si | 7 | Si	138.1	-0.1	0.0	138.1		
							85.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-13 |	610.6	0.0	0.0	3369.8	0.0	0.0	
| 5- 1 |	793.7	0.0	0.0	3225.5	0.0	0.0	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 4 | Sx	138.3	0.0	0.0	138.3		
| 5- 1 |	si | 6 | Tz	119.5	0.0	0.0	119.5		
| 5- 1 |	si | 9 | Ty	126.9	0.0	0.0	126.9		
							106.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-13 |	572.4	0.0	0.0	3367.6	0.0	-3.6	
| 5- 1 |	744.1	0.0	0.0	3222.7	0.0	-4.7	
| 7- 2 |	744.1	0.0	0.0	640.3	0.0	-4.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 4 | Sx	137.9	0.0	0.0	137.9		
| 5- 1 |	si | 5 | Tz	119.8	-0.2	0.0	119.8		
| 7- 2 |	si | 9 | Ty	25.2	0.0	0.9	25.2		
| 12-13 |	si | 7 | Si	137.9	0.1	0.0	137.9		
							127.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-13 |	457.9	0.0	0.0	3365.4	0.0	-7.2	
| 6- 1 |	595.3	0.0	0.0	2659.8	0.0	-9.4	
| 7- 2 |	595.3	0.0	0.0	637.5	0.0	-9.4	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 4 | Sx	136.7	0.0	0.0	136.7		
| 6- 1 |	si | 5 | Tz	99.1	-0.4	0.0	99.1		
| 7- 2 |	si | 9 | Ty	25.1	0.0	1.8	25.3		
| 12-13 |	si | 7 | Si	136.7	0.3	0.0	136.7		
							148.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-13 |	267.1	0.0	0.0	3363.3	0.0	-10.8	
| 5- 1 |	347.3	0.0	0.0	3217.0	0.0	-14.0	
| 7- 2 |	347.3	0.0	0.0	634.6	0.0	-14.0	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 4 | Sx	134.9	0.0	0.0	134.9		
| 5- 1 |	si | 5 | Tz	123.3	-0.6	0.0	123.3		
| 7- 2 |	si | 9 | Ty	25.0	0.0	2.8	25.4		
| 12-13 |	si | 7 | Si	134.9	0.4	0.0	134.9		
							170.
----- PROGR.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-13 |	0.0	0.0	0.0	3361.1	0.0	-14.4	
| 5- 1 |	0.0	0.0	0.0	3214.2	0.0	-18.7	
| 7- 2 |	0.0	0.0	0.0	631.8	0.0	-18.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-13 |	si | 4 | Sx	132.3	0.0	0.0	132.3		
| 5- 1 |	si | 5 | Tz	126.5	-0.7	0.0	126.5		
| 7- 2 |	si | 9 | Ty	24.9	0.0	3.7	25.7		

Copertura area carburante - Relazione di calcolo

| 12-13|si| 9| Si| 132.3| 0.0| 2.8| 132.4|

VERIFICA STABILITA` :

|L0 = 170.1
 Z |Lc = 170.1|Ro = 4.89|lm = 34.7|Ncr= 437761.3|alfa(b)=0.3400|ki=0.9263|
 Y |Lc = 170.1|Ro = 3.01|lm = 56.3|Ncr= 166378.0|alfa(c)=0.4900|ki=0.7565|
 Caso12- 4 - Nodo 2 - Asse Y
 Ned = -1713.1|Mzeq = 529.2|Myeq = 0.0|Ss = -94.1 (0.036)

P_HEA120_S005 (5) stato limite ultimo - ASTA (768- 643) 1351
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2|	0.0|	0.0|	0.0|	2640.0|	0.0|	14.4|
5- 1|	0.0|	0.0|	0.0|	446.0|	0.0|	18.7|
4- 2|	0.0|	0.0|	0.0|	-413.6|	0.0|	18.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2|si| 1|Sx				103.9|	0.0|	0.0|	103.9|
5- 1|si| 5| Tz				17.6|	0.7|	0.0|	17.6|
4- 2|si| 9| Ty				-16.3|	0.0|	-3.7|	17.5|
12- 2|si| 9| Si				103.9|	0.0|	-2.8|	104.0|

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2|	267.1|	0.0|	0.0|	2642.1|	0.0|	10.8|
5- 1|	347.3|	0.0|	0.0|	448.8|	0.0|	14.0|
8- 2|	347.3|	0.0|	0.0|	-820.0|	0.0|	14.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2|si| 3|Sx				106.5|	0.0|	0.0|	106.5|
5- 1|si| 5| Tz				14.4|	0.6|	0.0|	14.4|
8- 2|si| 9| Ty				-32.3|	0.0|	-2.8|	32.6|
12- 2|si| 7| Si				106.5|	-0.4|	0.0|	106.5|

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2|	457.9|	0.0|	0.0|	2644.3|	0.0|	7.2|
5- 1|	595.3|	0.0|	0.0|	451.6|	0.0|	9.4|
8- 2|	595.3|	0.0|	0.0|	-817.1|	0.0|	9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2|si| 3|Sx				108.4|	0.0|	0.0|	108.4|
5- 1|si| 5| Tz				12.2|	0.4|	0.0|	12.2|
8- 2|si| 9| Ty				-32.2|	0.0|	-1.8|	32.3|
12- 2|si| 7| Si				108.4|	-0.3|	0.0|	108.4|

----- PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2|	572.4|	0.0|	0.0|	2646.5|	0.0|	3.6|
5- 1|	744.1|	0.0|	0.0|	454.5|	0.0|	4.7|
8- 2|	744.1|	0.0|	0.0|	-814.3|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2|si| 3|Sx				109.5|	0.0|	0.0|	109.5|
5- 1|si| 5| Tz				10.9|	0.2|	0.0|	10.9|
8- 2|si| 9| Ty				-32.0|	0.0|	-0.9|	32.1|
12- 2|si| 8| Si				109.5|	0.1|	0.0|	109.5|

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2|	610.6|	0.0|	0.0|	2648.7|	0.0|	0.0|
6- 1|	793.7|	0.0|	0.0|	949.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2|si| 3|Sx				110.0|	0.0|	0.0|	110.0|
6- 1|si| 6| Tz				29.9|	0.0|	0.0|	29.9|
6- 1|si| 9| Ty				37.4|	0.0|	0.0|	37.4|

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2|	572.4|	0.0|	0.0|	2650.9|	0.0|	-3.6|
6- 1|	744.1|	0.0|	0.0|	951.9|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2|si| 3|Sx				109.7|	0.0|	0.0|	109.7|
6- 1|si| 6| Tz				30.5|	0.2|	0.0|	30.5|
6- 1|si| 9| Ty				37.5|	0.0|	0.9|	37.5|
12- 2|si| 8| Si				109.7|	-0.1|	0.0|	109.7|

----- PROGR. 127.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2|	457.9|	0.0|	0.0|	2653.1|	0.0|	-7.2|
5- 1|	595.3|	0.0|	0.0|	463.0|	0.0|	-9.4|
6- 1|	595.3|	0.0|	0.0|	954.8|	0.0|	-9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2|si| 3|Sx				108.7|	0.0|	0.0|	108.7|
5- 1|si| 6| Tz				12.6|	0.4|	0.0|	12.7|
6- 1|si| 9| Ty				37.6|	0.0|	1.8|	37.7|
12- 2|si| 8| Si				108.7|	-0.3|	0.0|	108.7|

----- PROGR. 148.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2	267.1	0.0	0.0	2655.3	0.0	-10.8
6- 1	347.3	0.0	0.0	957.6	0.0	-14.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

12- 2 si 3 Sx		107.0	0.0	0.0	107.0
| 6- 1|si| 6| Tz	|	34.4|	0.6|	0.0|	34.4|
| 6- 1|si| 9| Ty	|	37.7|	0.0|	2.8|	38.0|
| 12- 2|si| 8| Si	|	107.0|	-0.4|	0.0|	107.0|

PROGR. 170.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 2|	0.0|	0.0|	0.0|	2657.4|	0.0|	-14.4|
| 6- 1|	0.0|	0.0|	0.0|	960.5|	0.0|	-18.7|
| 4- 1|	0.0|	0.0|	0.0|	836.7|	0.0|	-18.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 12- 2|si| 2|Sx	|	104.6|	0.0|	0.0|	104.6|
| 6- 1|si| 6| Tz	|	37.8|	0.7|	0.0|	37.8|
| 4- 1|si| 9| Ty	|	32.9|	0.0|	3.7|	33.5|
| 12- 2|si| 9| Si	|	104.6|	0.0|	2.8|	104.7|

VERIFICA STABILITA` :

|L0 = 170.0|
 Z |Lc = 170.0|Ro = 4.89|lm = 34.7|Ncr= 437761.3|alfa(b)=0.3400|ki=0.9263|
 Y |Lc = 170.0|Ro = 3.01|lm = 56.3|Ncr= 166378.0|alfa(c)=0.4900|ki=0.7565|
 Caso12-15 - Nodo 1 - Asse Y
 Ned = -2390.9|Mzeq = 529.2|Myeq = 0.0|Ss = -129.4 (0.049)

P_HEA120_S005 (5) stato limite ultimo - ASTA (643- 770) 1352
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-17422.6|	0.0|	18.7|
| 5- 1|	0.0|	0.0|	0.0|	-16959.0|	0.0|	18.7|
| 7- 2|	0.0|	0.0|	0.0|	-3713.9|	0.0|	18.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	|	-685.7|	0.0|	0.0|	685.7|
| 5- 1|si| 6| Tz	|	-667.4|	-0.7|	0.0|	667.4|
| 7- 2|si| 9| Ty	|	-146.2|	0.0|	-3.7|	146.3|
| 6- 1|si| 9| Si	|	-685.7|	0.0|	-3.7|	685.7|

PROGR. 21.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	347.3|	0.0|	0.0|	-17425.4|	0.0|	14.0|
| 5- 1|	347.3|	0.0|	0.0|	-16961.9|	0.0|	14.0|
| 7- 2|	347.3|	0.0|	0.0|	-3716.8|	0.0|	14.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx	|	-689.0|	0.0|	0.0|	689.0|
| 5- 1|si| 6| Tz	|	-670.8|	-0.6|	0.0|	670.8|
| 7- 2|si| 9| Ty	|	-146.3|	0.0|	-2.8|	146.4|
| 6- 1|si| 5| Si	|	-689.0|	0.6|	0.0|	689.0|

PROGR. 42.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	595.3|	0.0|	0.0|	-17428.3|	0.0|	9.4|
| 5- 1|	595.3|	0.0|	0.0|	-16964.7|	0.0|	9.4|
| 7- 2|	595.3|	0.0|	0.0|	-3719.6|	0.0|	9.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	|	-691.5|	0.0|	0.0|	691.5|
| 5- 1|si| 6| Tz	|	-673.2|	-0.4|	0.0|	673.2|
| 7- 2|si| 9| Ty	|	-146.4|	0.0|	-1.8|	146.4|
| 6- 1|si| 5| Si	|	-691.5|	0.4|	0.0|	691.5|

PROGR. 64.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	744.1|	0.0|	0.0|	-17431.1|	0.0|	4.7|
| 5- 1|	744.1|	0.0|	0.0|	-16967.5|	0.0|	4.7|
| 7- 2|	744.1|	0.0|	0.0|	-3722.5|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	|	-693.0|	0.0|	0.0|	693.0|
| 5- 1|si| 6| Tz	|	-674.7|	-0.2|	0.0|	674.7|
| 7- 2|si| 9| Ty	|	-146.5|	0.0|	-0.9|	146.5|
| 6- 1|si| 5| Si	|	-693.0|	0.2|	0.0|	693.0|

PROGR. 85.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	793.7|	0.0|	0.0|	-17434.0|	0.0|	0.0|
| 5- 1|	793.7|	0.0|	0.0|	-16970.4|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	|	-693.5|	0.0|	0.0|	693.5|
| 5- 1|si| 5| Tz	|	-675.3|	0.0|	0.0|	675.3|
| 5- 1|si| 9| Ty	|	-667.9|	0.0|	0.0|	667.9|

PROGR. 106.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	744.1|	0.0|	0.0|	-17436.8|	0.0|	-4.7|
| 5- 1|	744.1|	0.0|	0.0|	-16973.2|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 2|Sx	|	-693.2|	0.0|	0.0|	693.2|
| 5- 1|si| 5| Tz	|	-675.0|	-0.2|	0.0|	675.0|
| 5- 1|si| 9| Ty	|	-668.0|	0.0|	0.9|	668.0|
| 6- 1|si| 6| Si	|	-693.2|	0.2|	0.0|	693.2|

PROGR. 127.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	595.3|	0.0|	0.0|	-17439.6|	0.0|	-9.4|

Copertura area carburante - Relazione di calcolo

```

| 5- 1|          595.3|          0.0|          0.0| -16976.1|          0.0|          -9.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 2|Sx |          -691.9|          0.0|          0.0|          691.9|
| 5- 1|si| 5|  Tz |          -673.7|          -0.4|          0.0|          673.7|
| 5- 1|si| 9|  Ty |          -668.1|          0.0|          1.8|          668.1|
| 6- 1|si| 6|  Si |          -691.9|          0.4|          0.0|          691.9|
-----
PROGR.          148.

SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY | |
| 6- 1|          347.3|          0.0|          0.0|          0.0| -17442.5|          0.0| -14.0|
| 5- 1|          347.3|          0.0|          0.0|          0.0| -16978.9|          0.0| -14.0|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 2|Sx |          -689.7|          0.0|          0.0|          689.7|
| 5- 1|si| 5|  Tz |          -671.5|          -0.6|          0.0|          671.5|
| 5- 1|si| 9|  Ty |          -668.2|          0.0|          2.8|          668.2|
| 6- 1|si| 6|  Si |          -689.7|          0.6|          0.0|          689.7|
-----
PROGR.          170.

SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          0.0|          0.0|          0.0| -17445.3|          0.0| -18.7|
| 5- 1|          0.0|          0.0|          0.0| -16981.7|          0.0| -18.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 3|Sx |          -686.5|          0.0|          0.0|          686.5|
| 5- 1|si| 5|  Tz |          -668.3|          -0.7|          0.0|          668.3|
| 5- 1|si| 9|  Ty |          -668.3|          0.0|          3.7|          668.3|
| 6- 1|si| 9|  Si |          -686.5|          0.0|          3.7|          686.6|
-----
VERIFICA STABILITA`          :

|L0 =          170.1
Z |Lc =          170.1|Ro =          4.89|lm =          34.7|Ncr=          437761.3|alfa(b)=0.3400|ki=0.9263|
Y |Lc =          170.1|Ro =          3.01|lm =          56.3|Ncr=          166378.0|alfa(c)=0.4900|ki=0.7565|
Caso 6- 1 - Nodo 2 - Asse Y
Ned =          -17445.3|Mzeq =          687.9|Myeq =          0.0|Ss =          -914.2 ( 0.349)

P_HEA120_S005 ( 5)          stato limite ultimo - ASTA ( 770- 354)          1353
-----
PROGR.          0.

SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          0.0|          0.0|          0.0| 21153.1|          0.0|          18.7|
| 7- 2|          0.0|          0.0|          0.0| 4462.4|          0.0|          18.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 1|Sx |          832.5|          0.0|          0.0|          832.5|
| 6- 1|si| 5|  Tz |          832.5|          0.7|          0.0|          832.5|
| 7- 2|si| 9|  Ty |          175.6|          0.0|          -3.7|          175.7|
| 6- 1|si| 9|  Si |          832.5|          0.0|          -3.7|          832.5|
-----
PROGR.          21.

SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          347.3|          0.0|          0.0| 21156.0|          0.0|          14.0|
| 7- 2|          347.3|          0.0|          0.0| 4465.2|          0.0|          14.0|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 3|Sx |          835.8|          0.0|          0.0|          835.8|
| 6- 1|si| 5|  Tz |          829.3|          0.6|          0.0|          829.3|
| 7- 2|si| 9|  Ty |          175.7|          0.0|          -2.8|          175.8|
| 6- 1|si| 7|  Si |          835.8|          -0.6|          0.0|          835.8|
-----
PROGR.          42.

SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          595.3|          0.0|          0.0| 21158.8|          0.0|          9.4|
| 7- 2|          595.3|          0.0|          0.0| 4468.0|          0.0|          9.4|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 3|Sx |          838.3|          0.0|          0.0|          838.3|
| 6- 1|si| 5|  Tz |          827.1|          0.4|          0.0|          827.1|
| 7- 2|si| 9|  Ty |          175.8|          0.0|          -1.8|          175.9|
| 6- 1|si| 7|  Si |          838.3|          -0.4|          0.0|          838.3|
-----
PROGR.          64.

SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          744.1|          0.0|          0.0| 21161.7|          0.0|          4.7|
| 7- 2|          744.1|          0.0|          0.0| 4470.9|          0.0|          4.7|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 3|Sx |          839.8|          0.0|          0.0|          839.8|
| 6- 1|si| 5|  Tz |          825.8|          0.2|          0.0|          825.8|
| 7- 2|si| 9|  Ty |          175.9|          0.0|          -0.9|          176.0|
| 6- 1|si| 7|  Si |          839.8|          -0.2|          0.0|          839.8|
-----
PROGR.          85.

SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          793.7|          0.0|          0.0| 21164.5|          0.0|          0.0|
| 5- 1|          793.7|          0.0|          0.0| 20716.2|          0.0|          0.0|
TENSIONI (Sz=          0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si |
| 6- 1|si| 3|Sx |          840.4|          0.0|          0.0|          840.4|
| 5- 1|si| 6|  Tz |          807.8|          0.0|          0.0|          807.8|
| 5- 1|si| 9|  Ty |          815.3|          0.0|          0.0|          815.3|
-----
PROGR.          106.

SOLLECITAZIONI          :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 6- 1|          744.1|          0.0|          0.0| 21167.3|          0.0|          -4.7|
| 5- 1|          744.1|          0.0|          0.0| 20719.0|          0.0|          -4.7|
TENSIONI (Sz=          0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	840.0	0.0	0.0	840.0
5-1	si	6	Tz	808.4	0.2	0.0	808.4
5-1	si	9	Ty	815.4	0.0	0.9	815.4
6-1	si	7	Si	840.0	0.2	0.0	840.0

----- PROGR. 127.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	595.3	0.0	0.0	21170.2	0.0	-9.4
5-1	595.3	0.0	0.0	20721.9	0.0	-9.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	838.7	0.0	0.0	838.7
5-1	si	6	Tz	809.9	0.4	0.0	809.9
5-1	si	9	Ty	815.5	0.0	1.8	815.5
6-1	si	7	Si	838.7	0.4	0.0	838.7

----- PROGR. 148.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	347.3	0.0	0.0	21173.0	0.0	-14.0
5-1	347.3	0.0	0.0	20724.7	0.0	-14.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	836.5	0.0	0.0	836.5
5-1	si	6	Tz	812.3	0.6	0.0	812.4
5-1	si	9	Ty	815.6	0.0	2.8	815.6
6-1	si	8	Si	836.5	-0.6	0.0	836.5

----- PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	21175.9	0.0	-18.7
5-1	0.0	0.0	0.0	20727.5	0.0	-18.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	833.4	0.0	0.0	833.4
6-1	si	6	Tz	833.4	0.7	0.0	833.4
5-1	si	9	Ty	815.7	0.0	3.7	815.7
6-1	si	9	Si	833.4	0.0	3.7	833.4

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.P_HEA120_S005 (5) stato limite ultimo - ASTA (354- 772) 1354
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	23456.5	0.0	21.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	923.1	0.0	0.0	923.1
5-1	si	5	Tz	923.1	0.9	0.0	923.1
5-1	si	9	TySi	923.1	0.0	-4.3	923.1

----- PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	459.5	0.0	0.0	23453.7	0.0	16.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	927.3	0.0	0.0	927.3
5-1	si	5	Tz	918.7	0.7	0.0	918.7
5-1	si	9	Ty	923.0	0.0	-3.2	923.0
5-1	si	7	Si	927.3	-0.7	0.0	927.3

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	787.7	0.0	0.0	23450.8	0.0	11.0
6-1	787.7	0.0	0.0	22903.6	0.0	11.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	930.3	0.0	0.0	930.3
5-1	si	5	Tz	915.5	0.4	0.0	915.5
6-1	si	9	Ty	901.4	0.0	-2.2	901.4
5-1	si	7	Si	930.3	-0.4	0.0	930.3

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	984.6	0.0	0.0	23448.0	0.0	5.5
6-1	984.6	0.0	0.0	22900.8	0.0	5.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	932.0	0.0	0.0	932.0
5-1	si	5	Tz	913.5	0.2	0.0	913.5
6-1	si	9	Ty	901.2	0.0	-1.1	901.2
5-1	si	7	Si	932.0	-0.2	0.0	932.0

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	1050.3	0.0	0.0	23445.1	0.0	0.0
6-1	1050.3	0.0	0.0	22897.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	932.5	0.0	0.0	932.5
5-1	si	5	Tz	912.8	0.0	0.0	912.8
6-1	si	9	Ty	901.1	0.0	0.0	901.1

----- PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	984.6	0.0	0.0	23442.3	0.0	-5.5
8-2	984.6	0.0	0.0	5637.0	0.0	-5.5

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	931.8	0.0	0.0	931.8
5-1	si	6	Tz	913.3	0.2	0.0	913.3
8-2	si	9	Ty	221.8	0.0	1.1	221.8
5-1	si	8	Si	931.8	-0.2	0.0	931.8

PROGR. 144.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	787.7	0.0	0.0	23439.5	0.0	-11.0
8-2	787.7	0.0	0.0	5634.2	0.0	-11.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	929.8	0.0	0.0	929.8
5-1	si	6	Tz	915.1	0.4	0.0	915.1
8-2	si	9	Ty	221.7	0.0	2.2	221.8
5-1	si	8	Si	929.8	-0.4	0.0	929.8

PROGR. 167.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	459.5	0.0	0.0	23436.6	0.0	-16.5
7-2	459.5	0.0	0.0	4719.3	0.0	-16.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	926.6	0.0	0.0	926.6
5-1	si	6	Tz	918.0	0.7	0.0	918.0
7-2	si	9	Ty	185.7	0.0	3.2	185.8
5-1	si	8	Si	926.6	-0.7	0.0	926.6

PROGR. 191.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	23433.8	0.0	-21.9
7-2	0.0	0.0	0.0	4716.5	0.0	-21.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	922.2	0.0	0.0	922.2
5-1	si	6	Tz	922.2	0.9	0.0	922.2
7-2	si	9	Ty	185.6	0.0	4.3	185.8
5-1	si	9	Si	922.2	0.0	4.3	922.3

VERIFICA STABILITA' : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5)	stato limite ultimo - ASTA (772- 678)	1355
		0.

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-18572.8	0.0	21.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-730.9	0.0	0.0	730.9
5-1	si	6	Tz	-730.9	-0.9	0.0	730.9
5-1	si	9	TySi	-730.9	0.0	-4.3	731.0

PROGR. 24.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	459.5	0.0	0.0	-18569.9	0.0	16.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	-735.1	0.0	0.0	735.1
5-1	si	6	Tz	-735.1	-0.7	0.0	735.1
5-1	si	9	Ty	-730.8	0.0	-3.2	730.8
5-1	si	5	Si	-735.1	0.7	0.0	735.1

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	787.7	0.0	0.0	-18567.1	0.0	11.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	-738.1	0.0	0.0	738.1
5-1	si	6	Tz	-738.1	-0.4	0.0	738.1
5-1	si	9	Ty	-730.7	0.0	-2.2	730.7
5-1	si	5	Si	-738.1	0.4	0.0	738.1

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	984.6	0.0	0.0	-18564.2	0.0	5.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	-739.8	0.0	0.0	739.8
5-1	si	6	Tz	-739.8	-0.2	0.0	739.8
5-1	si	9	Ty	-730.6	0.0	-1.1	730.6
5-1	si	5	Si	-739.8	0.2	0.0	739.8

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	1050.3	0.0	0.0	-18561.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	-740.3	0.0	0.0	740.3
5-1	si	6	Tz	-740.3	0.0	0.0	740.3
5-1	si	9	Ty	-730.5	0.0	0.0	730.5

PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	984.6	0.0	0.0	-18558.6	0.0	-5.5
7-2	984.6	0.0	0.0	-3722.5	0.0	-5.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	-739.6	0.0	0.0	739.6
5-1	si	5	Tz	-739.6	-0.2	0.0	739.6

Copertura area carburante - Relazione di calcolo

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| 7- 2|si| 9| Ty | -146.5| 0.0| 1.1| 146.5|
| 5- 1|si| 6| Si | -739.6| 0.2| 0.0| 739.6|
-----
PROGR. 144.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 787.7| 0.0| 0.0| -18555.7| 0.0| -11.0|
| 7- 2| 787.7| 0.0| 0.0| -3719.6| 0.0| -11.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -737.6| 0.0| 0.0| 737.6|
| 5- 1|si| 5| Tz | -737.6| -0.4| 0.0| 737.6|
| 7- 2|si| 9| Ty | -146.4| 0.0| 2.2| 146.4|
| 5- 1|si| 6| Si | -737.6| 0.4| 0.0| 737.6|
-----
PROGR. 167.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 459.5| 0.0| 0.0| -18552.9| 0.0| -16.5|
| 7- 2| 459.5| 0.0| 0.0| -3716.8| 0.0| -16.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -734.4| 0.0| 0.0| 734.4|
| 5- 1|si| 5| Tz | -734.4| -0.7| 0.0| 734.4|
| 7- 2|si| 9| Ty | -146.3| 0.0| 3.2| 146.4|
| 5- 1|si| 6| Si | -734.4| 0.7| 0.0| 734.4|
-----
PROGR. 191.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -18550.0| 0.0| -21.9|
| 7- 2| 0.0| 0.0| 0.0| -3714.0| 0.0| -21.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -730.0| 0.0| 0.0| 730.0|
| 5- 1|si| 5| Tz | -730.0| -0.9| 0.0| 730.0|
| 7- 2|si| 9| Ty | -146.2| 0.0| 4.3| 146.4|
| 5- 1|si| 9| Si | -730.0| 0.0| 4.3| 730.1|
-----
VERIFICA STABILITA` :
|L0 = 191.1|
Z |Lc = 191.1|Ro = 4.89|lm = 39.1|Ncr= 343683.9|alfa(b)=0.3400|ki=0.9053|
Y |Lc = 191.1|Ro = 3.01|lm = 63.5|Ncr= 130622.5|alfa(c)=0.4900|ki=0.7052|
Caso 5- 1 - Nodo 2 - Asse Y
Ned = -18572.8|Mzeq = 910.2|Myeq = 0.0|Ss = -1045.6 ( 0.399)
P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 678- 774) 1356
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 0.0| 0.0| 0.0| -2494.3| 0.0| 21.9|
| 5- 1| 0.0| 0.0| 0.0| -1945.8| 0.0| 21.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -98.2| 0.0| 0.0| 98.2|
| 5- 1|si| 5| Tz | -76.6| 0.9| 0.0| 76.6|
| 5- 1|si| 9| Ty | -76.6| 0.0| -4.3| 76.9|
| 8- 1|si| 9| Si | -98.2| 0.0| -4.3| 98.4|
-----
PROGR. 24.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 459.5| 0.0| 0.0| -2497.2| 0.0| 16.5|
| 5- 1| 459.5| 0.0| 0.0| -1948.6| 0.0| 16.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -102.6| 0.0| 0.0| 102.6|
| 5- 1|si| 5| Tz | -81.0| 0.7| 0.0| 81.0|
| 5- 1|si| 9| Ty | -76.7| 0.0| -3.2| 76.9|
| 8- 1|si| 5| Si | -102.6| 0.7| 0.0| 102.6|
-----
PROGR. 48.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 787.7| 0.0| 0.0| -2500.0| 0.0| 11.0|
| 5- 1| 787.7| 0.0| 0.0| -1951.4| 0.0| 11.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -105.8| 0.0| 0.0| 105.8|
| 5- 1|si| 5| Tz | -84.2| 0.4| 0.0| 84.2|
| 5- 1|si| 9| Ty | -76.8| 0.0| -2.2| 76.9|
| 8- 1|si| 5| Si | -105.8| 0.4| 0.0| 105.8|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 984.6| 0.0| 0.0| -2502.9| 0.0| 5.5|
| 5- 1| 984.6| 0.0| 0.0| -1954.3| 0.0| 5.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -107.7| 0.0| 0.0| 107.7|
| 5- 1|si| 5| Tz | -86.1| 0.2| 0.0| 86.1|
| 5- 1|si| 9| Ty | -76.9| 0.0| -1.1| 76.9|
| 8- 1|si| 5| Si | -107.7| 0.2| 0.0| 107.7|
-----
PROGR. 96.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1| 1050.3| 0.0| 0.0| -2505.7| 0.0| 0.0|
| 5- 1| 1050.3| 0.0| 0.0| -1957.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 1|Sx | -108.5| 0.0| 0.0| 108.5|
| 5- 1|si| 5| Tz | -86.9| 0.0| 0.0| 86.9|
| 5- 1|si| 9| Ty | -77.0| 0.0| 0.0| 77.0|

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Copertura area carburante - Relazione di calcolo

----- PROGR. 120.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
8- 1	984.6	0.0	0.0	-2508.5	0.0	-5.5	
5- 1	984.6	0.0	0.0	-1960.0	0.0	-5.5	
7- 2	984.6	0.0	0.0	-705.6	0.0	-5.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si	1	|Sx	-108.0	0.0	0.0	108.0
5- 1	|si	6	Tz	-86.4	0.2	0.0	86.4
7- 2	|si	9	Ty	-27.8	0.0	1.1	27.8
8- 1	|si	5	Si	-108.0	-0.2	0.0	108.0
----- PROGR. 144.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
8- 1	787.7	0.0	0.0	-2511.4	0.0	-11.0	
5- 1	787.7	0.0	0.0	-1962.8	0.0	-11.0	
7- 2	787.7	0.0	0.0	-708.5	0.0	-11.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si	1	|Sx	-106.2	0.0	0.0	106.2
5- 1	|si	6	Tz	-84.6	0.4	0.0	84.6
7- 2	|si	9	Ty	-27.9	0.0	2.2	28.1
8- 1	|si	5	Si	-106.2	-0.4	0.0	106.2
----- PROGR. 167.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
8- 1	459.5	0.0	0.0	-2514.2	0.0	-16.5	
5- 1	459.5	0.0	0.0	-1965.6	0.0	-16.5	
3- 2	459.5	0.0	0.0	-928.5	0.0	-16.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si	1	|Sx	-103.3	0.0	0.0	103.3
5- 1	|si	6	Tz	-81.7	0.7	0.0	81.7
3- 2	|si	9	Ty	-36.5	0.0	3.2	37.0
8- 1	|si	5	Si	-103.3	-0.7	0.0	103.3
----- PROGR. 191.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
8- 1	0.0	0.0	0.0	-2517.1	0.0	-21.9	
5- 1	0.0	0.0	0.0	-1968.5	0.0	-21.9	
3- 2	0.0	0.0	0.0	-931.4	0.0	-21.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si	1	|Sx	-99.1	0.0	0.0	99.1
5- 1	|si	6	Tz	-77.5	0.9	0.0	77.5
3- 2	|si	9	Ty	-36.7	0.0	4.3	37.4
8- 1	|si	9	Si	-99.1	0.0	4.3	99.3

VERIFICA STABILITA' :							
|L0 = 191.1							
Z |Lc = 191.1|Ro = 4.89|lm = 39.1|Ncr= 343683.9|alfa(b)=0.3400|ki=0.9053|							
Y |Lc = 191.1|Ro = 3.01|lm = 63.5|Ncr= 130622.5|alfa(c)=0.4900|ki=0.7052|							
Caso 8- 1 - Nodo 1 - Asse Y							
Ned = -2517.1|Mzeq = 910.2|Myeq = 0.0|Ss = -149.1 (0.057)							

P_HEA120_S005 (5) stato limite ultimo - ASTA (774- 679) 1357							
----- PROGR. 0.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	7359.5	0.0	21.9	
5- 1	0.0	0.0	0.0	6983.6	0.0	21.9	
7- 2	0.0	0.0	0.0	1629.6	0.0	21.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	1	|Sx	289.6	0.0	0.0	289.6
5- 1	|si	6	Tz	274.8	-0.9	0.0	274.8
7- 2	|si	9	Ty	64.1	0.0	-4.3	64.6
6- 1	|si	9	Si	289.6	0.0	-4.3	289.7
----- PROGR. 24.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	459.5	0.0	0.0	7362.3	0.0	16.5	
5- 1	459.5	0.0	0.0	6986.4	0.0	16.5	
7- 2	459.5	0.0	0.0	1632.4	0.0	16.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	4	|Sx	294.1	0.0	0.0	294.1
5- 1	|si	6	Tz	270.6	-0.7	0.0	270.6
7- 2	|si	9	Ty	64.2	0.0	-3.2	64.5
6- 1	|si	7	Si	294.1	-0.7	0.0	294.1
----- PROGR. 48.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	787.7	0.0	0.0	7365.2	0.0	11.0	
5- 1	787.7	0.0	0.0	6989.3	0.0	11.0	
8- 2	787.7	0.0	0.0	1008.8	0.0	11.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	4	|Sx	297.2	0.0	0.0	297.2
5- 1	|si	6	Tz	267.7	-0.4	0.0	267.7
8- 2	|si	9	Ty	39.7	0.0	-2.2	39.9
6- 1	|si	7	Si	297.2	-0.4	0.0	297.2
----- PROGR. 72.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	984.6	0.0	0.0	7368.0	0.0	5.5	
5- 1	984.6	0.0	0.0	6992.1	0.0	5.5	

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8- 2	984.6	0.0	0.0	1011.6	0.0	5.5
TENSIONI (Sz= 0.00) :						
Caso Ve No massimi	Sx	Tz	Ty	Si		
6- 1 si 4 Sx	299.2	0.0	0.0	299.2		
| 5- 1|si| 6| Tz |	265.9|	-0.2|	0.0|	265.9|		
| 8- 2|si| 9| Ty |	39.8|	0.0|	-1.1|	39.9|		
| 6- 1|si| 7| Si |	299.2|	-0.2|	0.0|	299.2|		

----- PROGR. 96.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1050.3|	0.0|	0.0|	7370.9|	0.0|	0.0|
| 5- 1|	1050.3|	0.0|	0.0|	6995.0|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	299.9|	0.0|	0.0|	299.9|		
| 5- 1|si| 5| Tz |	265.4|	0.0|	0.0|	265.4|		
| 6- 1|si| 9| Ty |	290.1|	0.0|	0.0|	290.1|		

----- PROGR. 120.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	984.6|	0.0|	0.0|	7373.7|	0.0|	-5.5|
| 5- 1|	984.6|	0.0|	0.0|	6997.8|	0.0|	-5.5|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	299.4|	0.0|	0.0|	299.4|		
| 5- 1|si| 5| Tz |	266.2|	-0.2|	0.0|	266.2|		
| 6- 1|si| 9| Ty |	290.2|	0.0|	1.1|	290.2|		
| 6- 1|si| 7| Si |	299.4|	0.2|	0.0|	299.4|		

----- PROGR. 144.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	787.7|	0.0|	0.0|	7376.5|	0.0|	-11.0|
| 5- 1|	787.7|	0.0|	0.0|	7000.6|	0.0|	-11.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	297.7|	0.0|	0.0|	297.7|		
| 5- 1|si| 5| Tz |	268.1|	-0.4|	0.0|	268.1|		
| 5- 1|si| 9| Ty |	275.5|	0.0|	2.2|	275.5|		
| 6- 1|si| 7| Si |	297.7|	0.4|	0.0|	297.7|		

----- PROGR. 167.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	459.5|	0.0|	0.0|	7379.4|	0.0|	-16.5|
| 5- 1|	459.5|	0.0|	0.0|	7003.5|	0.0|	-16.5|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 4|Sx |	294.7|	0.0|	0.0|	294.7|		
| 5- 1|si| 5| Tz |	271.3|	-0.7|	0.0|	271.3|		
| 5- 1|si| 9| Ty |	275.6|	0.0|	3.2|	275.7|		
| 6- 1|si| 7| Si |	294.7|	0.7|	0.0|	294.7|		

----- PROGR. 191.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	7382.2|	0.0|	-21.9|
| 5- 1|	0.0|	0.0|	0.0|	7006.3|	0.0|	-21.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	290.5|	0.0|	0.0|	290.5|		
| 5- 1|si| 5| Tz |	275.7|	-0.9|	0.0|	275.7|		
| 5- 1|si| 9| Ty |	275.7|	0.0|	4.3|	275.8|		
| 6- 1|si| 9| Si |	290.5|	0.0|	4.3|	290.6|		

VERIFICA STABILITA` :

|L0 = 191.1|
 Z |Lc = 191.1|Ro = 4.89|lm = 39.1|Ncr= 343683.9|alfa(b)=0.3400|ki=0.9053|
 Y |Lc = 191.1|Ro = 3.01|lm = 63.5|Ncr= 130622.5|alfa(c)=0.4900|ki=0.7052|
 Caso12-16 - Nodo 2 - Asse Y
 Ned = -604.2|Mzeq = 700.2|Myeq = 0.0|Ss = -40.3 (0.015)

P_HEA120_S005 (5) stato limite ultimo - ASTA (679- 776) 1358
 ----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-28940.2|	0.0|	21.9|
| 5- 1|	0.0|	0.0|	0.0|	-28595.0|	0.0|	21.9|
| 7- 2|	0.0|	0.0|	0.0|	-6338.8|	0.0|	21.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-1138.9|	0.0|	0.0|	1138.9|		
| 5- 1|si| 5| Tz |	-1125.3|	0.9|	0.0|	1125.3|		
| 7- 2|si| 9| Ty |	-249.5|	0.0|	-4.3|	249.6|		
| 6- 1|si| 9| Si |	-1138.9|	0.0|	-4.3|	1138.9|		

----- PROGR. 24.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	459.5|	0.0|	0.0|	-28943.0|	0.0|	16.5|
| 5- 1|	459.5|	0.0|	0.0|	-28597.8|	0.0|	16.5|
| 7- 2|	459.5|	0.0|	0.0|	-6341.6|	0.0|	16.5|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-1143.3|	0.0|	0.0|	1143.3|		
| 5- 1|si| 5| Tz |	-1129.8|	0.7|	0.0|	1129.8|		
| 7- 2|si| 9| Ty |	-249.6|	0.0|	-3.2|	249.6|		
6- 1 si 5 Si	-1143.3	0.7	0.0	1143.3		

----- PROGR. 48.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	787.7	0.0	0.0	-28945.9	0.0	11.0

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5- 1	787.7	0.0	0.0	-28600.7	0.0	11.0
7- 2	787.7	0.0	0.0	-6344.4	0.0	11.0

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx	Tz	Ty	Si
| 6- 1|si| 1|Sx |	-1146.5|	0.0|	0.0|	1146.5|
| 5- 1|si| 5| Tz |	-1132.9|	0.4|	0.0|	1132.9|
| 7- 2|si| 9| Ty |	-249.7|	0.0|	-2.2|	249.7|
| 6- 1|si| 5| Si |	-1146.5|	0.4|	0.0|	1146.5|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	984.6|	0.0|	0.0|	-28948.7|	0.0|	5.5|
| 5- 1|	984.6|	0.0|	0.0|	-28603.5|	0.0|	5.5|
| 7- 2|	984.6|	0.0|	0.0|	-6347.3|	0.0|	5.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	-1148.5|	0.0|	0.0|	1148.5|
| 5- 1|si| 5| Tz |	-1134.9|	0.2|	0.0|	1134.9|
| 7- 2|si| 9| Ty |	-249.8|	0.0|	-1.1|	249.8|
| 6- 1|si| 5| Si |	-1148.5|	0.2|	0.0|	1148.5|

----- PROGR. 96.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1050.3|	0.0|	0.0|	-28951.5|	0.0|	0.0|
| 5- 1|	1050.3|	0.0|	0.0|	-28606.3|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	-1149.2|	0.0|	0.0|	1149.2|
| 5- 1|si| 6| Tz |	-1135.6|	0.0|	0.0|	1135.6|
| 5- 1|si| 9| Ty |	-1125.8|	0.0|	0.0|	1125.8|
| 6- 1|si| 5| Si |	-1148.7|	-0.2|	0.0|	1148.7|

----- PROGR. 120.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	984.6|	0.0|	0.0|	-28954.4|	0.0|	-5.5|
| 5- 1|	984.6|	0.0|	0.0|	-28609.2|	0.0|	-5.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	-1148.7|	0.0|	0.0|	1148.7|
| 5- 1|si| 6| Tz |	-1135.1|	0.2|	0.0|	1135.1|
| 5- 1|si| 9| Ty |	-1125.9|	0.0|	1.1|	1125.9|
| 6- 1|si| 5| Si |	-1148.7|	-0.2|	0.0|	1148.7|

----- PROGR. 144.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	787.7|	0.0|	0.0|	-28957.2|	0.0|	-11.0|
| 5- 1|	787.7|	0.0|	0.0|	-28612.0|	0.0|	-11.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	-1147.0|	0.0|	0.0|	1147.0|
| 5- 1|si| 6| Tz |	-1133.4|	0.4|	0.0|	1133.4|
| 5- 1|si| 9| Ty |	-1126.0|	0.0|	2.2|	1126.0|
| 6- 1|si| 5| Si |	-1147.0|	-0.4|	0.0|	1147.0|

----- PROGR. 167.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	459.5|	0.0|	0.0|	-28960.1|	0.0|	-16.5|
| 5- 1|	459.5|	0.0|	0.0|	-28614.9|	0.0|	-16.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	-1144.0|	0.0|	0.0|	1144.0|
| 5- 1|si| 6| Tz |	-1130.4|	0.7|	0.0|	1130.4|
| 5- 1|si| 9| Ty |	-1126.1|	0.0|	3.2|	1126.1|
| 6- 1|si| 5| Si |	-1144.0|	-0.7|	0.0|	1144.0|

----- PROGR. 191.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-28962.9|	0.0|	-21.9|
| 5- 1|	0.0|	0.0|	0.0|	-28617.7|	0.0|	-21.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |	-1139.8|	0.0|	0.0|	1139.8|
| 5- 1|si| 6| Tz |	-1126.2|	0.9|	0.0|	1126.2|
| 5- 1|si| 9| Ty |	-1126.2|	0.0|	4.3|	1126.3|
| 6- 1|si| 9| Si |	-1139.8|	0.0|	4.3|	1139.8|

VERIFICA STABILITA` :

|L0 = 191.1|
 Z |Lc = 191.1|Ro = 4.89|lm = 39.1|Ncr= 343683.9|alfa(b)=0.3400|ki=0.9053|
 Y |Lc = 191.1|Ro = 3.01|lm = 63.5|Ncr= 130622.5|alfa(c)=0.4900|ki=0.7052|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -28962.9|Mzeq = 910.2|Myeq = 0.0|Ss = -1625.7 (0.621)

P_HEA120_S005 (5) stato limite ultimo - ASTA (776- 372) 1359
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	34568.8|	0.0|	21.9|
| 5- 1|	0.0|	0.0|	0.0|	34244.4|	0.0|	21.9|
| 7- 2|	0.0|	0.0|	0.0|	7517.6|	0.0|	21.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	1360.4|	0.0|	0.0|	1360.4|
| 5- 1|si| 6| Tz |	1347.7|	-0.9|	0.0|	1347.7|
| 7- 2|si| 9| Ty |	295.8|	0.0|	-4.3|	295.9|
| 6- 1|si| 9| Si |	1360.4|	0.0|	-4.3|	1360.5|

----- PROGR. 24.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
------	----	----	----	---	----	----

Copertura area carburante - Relazione di calcolo

| 6- 1|	459.5|	0.0|	0.0|	34571.6|	0.0|	16.5|
| 5- 1|	459.5|	0.0|	0.0|	34247.3|	0.0|	16.5|
| 7- 2|	459.5|	0.0|	0.0|	7520.4|	0.0|	16.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 3|Sx	|	1364.9|	0.0|	0.0|	1364.9|
| 5- 1|si| 6| Tz	|	1343.5|	-0.7|	0.0|	1343.5|
| 7- 2|si| 9| Ty	|	296.0|	0.0|	-3.2|	296.0|
| 6- 1|si| 7| Si	|	1364.9|	-0.7|	0.0|	1364.9|

PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	787.7|	0.0|	0.0|	34574.4|	0.0|	11.0|
| 5- 1|	787.7|	0.0|	0.0|	34250.1|	0.0|	11.0|
| 7- 2|	787.7|	0.0|	0.0|	7523.3|	0.0|	11.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 3|Sx	|	1368.0|	0.0|	0.0|	1368.0|
| 5- 1|si| 6| Tz	|	1340.5|	-0.4|	0.0|	1340.5|
| 7- 2|si| 9| Ty	|	296.1|	0.0|	-2.2|	296.1|
| 6- 1|si| 7| Si	|	1368.0|	-0.4|	0.0|	1368.0|

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	984.6|	0.0|	0.0|	34577.3|	0.0|	5.5|
| 5- 1|	984.6|	0.0|	0.0|	34253.0|	0.0|	5.5|
| 7- 2|	984.6|	0.0|	0.0|	7526.1|	0.0|	5.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	|	1370.0|	0.0|	0.0|	1370.0|
| 5- 1|si| 6| Tz	|	1338.8|	-0.2|	0.0|	1338.8|
| 7- 2|si| 9| Ty	|	296.2|	0.0|	-1.1|	296.2|
| 6- 1|si| 7| Si	|	1370.0|	-0.2|	0.0|	1370.0|

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	1050.3|	0.0|	0.0|	34580.1|	0.0|	0.0|
| 5- 1|	1050.3|	0.0|	0.0|	34255.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	|	1370.7|	0.0|	0.0|	1370.7|
| 5- 1|si| 5| Tz	|	1338.3|	0.0|	0.0|	1338.3|
| 5- 1|si| 9| Ty	|	1348.1|	0.0|	0.0|	1348.1|

PROGR. 120.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	984.6|	0.0|	0.0|	34583.0|	0.0|	-5.5|
| 5- 1|	984.6|	0.0|	0.0|	34258.6|	0.0|	-5.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	|	1370.2|	0.0|	0.0|	1370.2|
| 5- 1|si| 5| Tz	|	1339.0|	-0.2|	0.0|	1339.0|
| 5- 1|si| 9| Ty	|	1348.2|	0.0|	1.1|	1348.2|
| 6- 1|si| 7| Si	|	1370.2|	0.2|	0.0|	1370.2|

PROGR. 144.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	787.7|	0.0|	0.0|	34585.8|	0.0|	-11.0|
| 5- 1|	787.7|	0.0|	0.0|	34261.5|	0.0|	-11.0|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	|	1368.5|	0.0|	0.0|	1368.5|
| 5- 1|si| 5| Tz	|	1340.9|	-0.4|	0.0|	1340.9|
| 5- 1|si| 9| Ty	|	1348.3|	0.0|	2.2|	1348.3|
| 6- 1|si| 7| Si	|	1368.5|	0.4|	0.0|	1368.5|

PROGR. 167.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	459.5|	0.0|	0.0|	34588.6|	0.0|	-16.5|
| 5- 1|	459.5|	0.0|	0.0|	34264.3|	0.0|	-16.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 4|Sx	|	1365.5|	0.0|	0.0|	1365.5|
| 5- 1|si| 5| Tz	|	1344.1|	-0.7|	0.0|	1344.1|
| 5- 1|si| 9| Ty	|	1348.4|	0.0|	3.2|	1348.5|
| 6- 1|si| 7| Si	|	1365.5|	0.7|	0.0|	1365.5|

PROGR. 191.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 6- 1|	0.0|	0.0|	0.0|	34591.5|	0.0|	-21.9|
| 5- 1|	0.0|	0.0|	0.0|	34267.2|	0.0|	-21.9|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 6- 1|si| 1|Sx	|	1361.3|	0.0|	0.0|	1361.3|
| 5- 1|si| 5| Tz	|	1348.6|	-0.9|	0.0|	1348.6|
| 5- 1|si| 9| Ty	|	1348.6|	0.0|	4.3|	1348.6|
| 6- 1|si| 9| Si	|	1361.3|	0.0|	4.3|	1361.3|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5)	stato limite ultimo - ASTA (372- 778)	1360
		PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	0.0|	0.0|	0.0|	41177.3|	0.0|	20.5|
| 1- 1|	0.0|	0.0|	0.0|	22797.1|	0.0|	20.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
| 5- 1|si| 1|Sx	|	1620.5|	0.0|	0.0|	1620.5|

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6| Tz	|	1620.5|	-0.8|	0.0|	1620.5|	
| 1- 1|si| 9| Ty	|	897.2|	0.0|	-4.0|	897.2|	
| 5- 1|si| 9| Si	|	1620.5|	0.0|	-4.0|	1620.5|	

PROGR.

23.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	407.1|		0.0|		0.0|		41174.4|		0.0|		15.4|	
| 1- 1|	407.1|		0.0|		0.0|		22794.2|		0.0|		15.4|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	|	1624.2|		0.0|		0.0|		1624.2|	
| 5- 1|si| 6| Tz	|	1616.6|		-0.6|		0.0|		1616.6|	
| 1- 1|si| 9| Ty	|	897.1|		0.0|		-3.0|		897.1|	
| 5- 1|si| 7| Si	|	1624.2|		-0.6|		0.0|		1624.2|	

PROGR.

45.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	697.8|		0.0|		0.0|		41171.6|		0.0|		10.3|	
| 1- 1|	697.8|		0.0|		0.0|		22791.4|		0.0|		10.3|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	|	1626.8|		0.0|		0.0|		1626.8|	
| 5- 1|si| 6| Tz	|	1613.7|		-0.4|		0.0|		1613.7|	
| 1- 1|si| 9| Ty	|	896.9|		0.0|		-2.0|		896.9|	
| 5- 1|si| 7| Si	|	1626.8|		-0.4|		0.0|		1626.8|	

PROGR.

68.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	872.3|		0.0|		0.0|		41168.7|		0.0|		5.1|	
| 1- 1|	872.3|		0.0|		0.0|		22788.5|		0.0|		5.1|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	|	1628.4|		0.0|		0.0|		1628.4|	
| 5- 1|si| 6| Tz	|	1612.0|		-0.2|		0.0|		1612.0|	
| 1- 1|si| 9| Ty	|	896.8|		0.0|		-1.0|		896.8|	
| 5- 1|si| 7| Si	|	1628.4|		-0.2|		0.0|		1628.4|	

PROGR.

91.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	930.5|		0.0|		0.0|		41165.9|		0.0|		0.0|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	|	1628.8|		0.0|		0.0|		1628.8|	
| 5- 1|si| 5| Tz	|	1611.3|		0.0|		0.0|		1611.3|	

PROGR.

113.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	872.3|		0.0|		0.0|		41163.1|		0.0|		-5.1|	
| 1- 1|	872.3|		0.0|		0.0|		22782.9|		0.0|		-5.1|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	|	1628.1|		0.0|		0.0|		1628.1|	
| 5- 1|si| 5| Tz	|	1611.8|		-0.2|		0.0|		1611.8|	
| 1- 1|si| 9| Ty	|	896.6|		0.0|		1.0|		896.6|	
| 5- 1|si| 7| Si	|	1628.1|		0.2|		0.0|		1628.1|	

PROGR.

136.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	697.8|		0.0|		0.0|		41160.2|		0.0|		-10.3|	
| 1- 1|	697.8|		0.0|		0.0|		22780.0|		0.0|		-10.3|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	|	1626.4|		0.0|		0.0|		1626.4|	
| 5- 1|si| 5| Tz	|	1613.3|		-0.4|		0.0|		1613.3|	
| 1- 1|si| 9| Ty	|	896.5|		0.0|		2.0|		896.5|	
| 5- 1|si| 7| Si	|	1626.4|		0.4|		0.0|		1626.4|	

PROGR.

159.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	407.1|		0.0|		0.0|		41157.4|		0.0|		-15.4|	
| 1- 1|	407.1|		0.0|		0.0|		22777.2|		0.0|		-15.4|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	|	1623.5|		0.0|		0.0|		1623.5|	
| 5- 1|si| 5| Tz	|	1615.9|		-0.6|		0.0|		1615.9|	
| 1- 1|si| 9| Ty	|	896.4|		0.0|		3.0|		896.4|	
| 5- 1|si| 7| Si	|	1623.5|		0.6|		0.0|		1623.5|	

PROGR.

182.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	0.0|		0.0|		0.0|		41154.5|		0.0|		-20.5|	
| 1- 1|	0.0|		0.0|		0.0|		22774.3|		0.0|		-20.5|	

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	|	1619.6|		0.0|		0.0|		1619.6|	
| 5- 1|si| 5| Tz	|	1619.6|		-0.8|		0.0|		1619.6|	
| 1- 1|si| 9| Ty	|	896.3|		0.0|		4.0|		896.3|	
| 5- 1|si| 9| Si	|	1619.6|		0.0|		4.0|		1619.6|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA120_S005 (5)	stato limite ultimo - ASTA (778- 723)	1361
		0.

SOLLECITAZIONI

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
5- 1	0.0		0.0		0.0		-35915.9		0.0		20.5	
1- 1	0.0		0.0		0.0		-19851.2		0.0		20.5	

TENSIONI (Sz= 0.00) :

Caso	Ve No massimi	Sx		Tz		Ty		Si	
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Copertura area carburante - Relazione di calcolo

5- 1 si 1 Sx		-1413.4	0.0	0.0	1413.4		
| 5- 1|si| 5| Tz	|	-1413.4|	0.8|	0.0|	1413.4|		
| 1- 1|si| 9| Ty	|	-781.2|	0.0|	-4.0|	781.3|		
| 5- 1|si| 9| Si	|	-1413.4|	0.0|	-4.0|	1413.5|		
-----							23.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	407.1|	0.0|	0.0|	-35913.1|	0.0|	15.4|	
| 1- 1|	407.1|	0.0|	0.0|	-19848.3|	0.0|	15.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	|	-1417.2|	0.0|	0.0|	1417.2|		
| 5- 1|si| 5| Tz	Si |	-1417.2|	0.6|	0.0|	1417.2|		
| 1- 1|si| 9| Ty	|	-781.1|	0.0|	-3.0|	781.1|		
-----							45.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	697.8|	0.0|	0.0|	-35910.2|	0.0|	10.3|	
| 1- 1|	697.8|	0.0|	0.0|	-19845.5|	0.0|	10.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	|	-1419.8|	0.0|	0.0|	1419.8|		
| 5- 1|si| 5| Tz	Si |	-1419.8|	0.4|	0.0|	1419.8|		
| 1- 1|si| 9| Ty	|	-781.0|	0.0|	-2.0|	781.0|		
-----							68.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	872.3|	0.0|	0.0|	-35907.4|	0.0|	5.1|	
| 1- 1|	872.3|	0.0|	0.0|	-19842.7|	0.0|	5.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	|	-1421.3|	0.0|	0.0|	1421.3|		
| 5- 1|si| 5| Tz	Si |	-1421.3|	0.2|	0.0|	1421.3|		
| 1- 1|si| 9| Ty	|	-780.9|	0.0|	-1.0|	780.9|		
-----							91.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	930.5|	0.0|	0.0|	-35904.6|	0.0|	0.0|	
| 1- 1|	930.5|	0.0|	0.0|	-19837.0|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	|	-1421.7|	0.0|	0.0|	1421.7|		
| 5- 1|si| 5| Tz	Si |	-1421.7|	0.0|	0.0|	1421.7|		
| 1- 1|si| 9| Ty	|	-780.9|	0.0|	-1.0|	780.9|		
-----							113.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	872.3|	0.0|	0.0|	-35901.7|	0.0|	-5.1|	
| 1- 1|	872.3|	0.0|	0.0|	-19837.0|	0.0|	-5.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	|	-1421.1|	0.0|	0.0|	1421.1|		
| 5- 1|si| 6| Tz	|	-1421.1|	0.2|	0.0|	1421.1|		
| 1- 1|si| 9| Ty	|	-780.7|	0.0|	1.0|	780.7|		
| 5- 1|si| 5| Si	|	-1421.1|	-0.2|	0.0|	1421.1|		
-----							136.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	697.8|	0.0|	0.0|	-35898.9|	0.0|	-10.3|	
| 1- 1|	697.8|	0.0|	0.0|	-19834.1|	0.0|	-10.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	|	-1419.3|	0.0|	0.0|	1419.3|		
| 5- 1|si| 6| Tz	|	-1419.3|	0.4|	0.0|	1419.3|		
| 1- 1|si| 9| Ty	|	-780.6|	0.0|	2.0|	780.6|		
| 5- 1|si| 5| Si	|	-1419.3|	-0.4|	0.0|	1419.3|		
-----							159.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	407.1|	0.0|	0.0|	-35896.0|	0.0|	-15.4|	
| 1- 1|	407.1|	0.0|	0.0|	-19831.3|	0.0|	-15.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	|	-1416.5|	0.0|	0.0|	1416.5|		
| 5- 1|si| 6| Tz	|	-1416.5|	0.6|	0.0|	1416.5|		
| 1- 1|si| 9| Ty	|	-780.4|	0.0|	3.0|	780.5|		
| 5- 1|si| 5| Si	|	-1416.5|	-0.6|	0.0|	1416.5|		
-----							182.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	0.0|	0.0|	0.0|	-35893.2|	0.0|	-20.5|	
| 1- 1|	0.0|	0.0|	0.0|	-19828.5|	0.0|	-20.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 1|Sx	|	-1412.6|	0.0|	0.0|	1412.6|		
| 5- 1|si| 6| Tz	|	-1412.6|	0.8|	0.0|	1412.6|		
| 1- 1|si| 9| Ty	|	-780.3|	0.0|	4.0|	780.4|		
| 5- 1|si| 9| Si	|	-1412.6|	0.0|	4.0|	1412.6|		

VERIFICA STABILITA' :							
|L0 =	182.1|						
Z |Lc =	182.1|Ro =	4.89|lm =	37.1|Ncr =	382081.4|alfa(b) =	0.3400|ki =	0.9149|	
Y |Lc =	182.1|Ro =	3.01|lm =	60.2|Ncr =	145216.0|alfa(c) =	0.4900|ki =	0.7286|	
Caso 5- 1 -	Nodo 1 -	Asse Y					
Ned =	-35915.9|Mzeq =	806.4|Myeq =	0.0|Ss =	-1948.3 (	0.744)		
P_HEA120_S005 (	5)	stato limite ultimo	-	ASTA (	723- 780)	1362	
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	

Copertura area carburante - Relazione di calcolo

| 5- 1|	0.0|	0.0|	0.0|	17775.9|	0.0|	20.5|
| 6- 1|	0.0|	0.0|	0.0|	17219.9|	0.0|	20.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	699.6|	0.0|	0.0|	699.6|		
| 6- 1|si| 6| Tz |	677.7|	-0.8|	0.0|	677.7|		
| 5- 1|si| 9| TySi|	699.6|	0.0|	-4.0|	699.6|		
----- PROGR. 23.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	407.1|	0.0|	0.0|	17773.1|	0.0|	15.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	703.3|	0.0|	0.0|	703.3|		
| 5- 1|si| 6| Tz |	695.6|	-0.6|	0.0|	695.6|		
| 5- 1|si| 9| Ty |	699.4|	0.0|	-3.0|	699.5|		
| 5- 1|si| 7| Si |	703.3|	-0.6|	0.0|	703.3|		
----- PROGR. 45.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	697.8|	0.0|	0.0|	17770.3|	0.0|	10.3|
| 6- 1|	697.8|	0.0|	0.0|	17214.2|	0.0|	10.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	705.9|	0.0|	0.0|	705.9|		
| 6- 1|si| 6| Tz |	670.9|	-0.4|	0.0|	670.9|		
| 5- 1|si| 9| Ty |	699.3|	0.0|	-2.0|	699.3|		
| 5- 1|si| 7| Si |	705.9|	-0.4|	0.0|	705.9|		
----- PROGR. 68.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	872.3|	0.0|	0.0|	17767.4|	0.0|	5.1|
| 6- 1|	872.3|	0.0|	0.0|	17211.4|	0.0|	5.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	707.4|	0.0|	0.0|	707.4|		
| 6- 1|si| 6| Tz |	669.2|	-0.2|	0.0|	669.2|		
| 5- 1|si| 9| Ty |	699.2|	0.0|	-1.0|	699.2|		
| 5- 1|si| 7| Si |	707.4|	-0.2|	0.0|	707.4|		
----- PROGR. 91.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	930.5|	0.0|	0.0|	17764.6|	0.0|	0.0|
| 6- 1|	930.5|	0.0|	0.0|	17208.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx Si|	707.8|	0.0|	0.0|	707.8|		
| 6- 1|si| 6| Tz |	668.5|	0.0|	0.0|	668.5|		
| 5- 1|si| 9| Ty |	699.1|	0.0|	0.0|	699.1|		
----- PROGR. 113.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	872.3|	0.0|	0.0|	17761.7|	0.0|	-5.1|
| 6- 1|	872.3|	0.0|	0.0|	17205.7|	0.0|	-5.1|
| 7- 2|	872.3|	0.0|	0.0|	3247.1|	0.0|	-5.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	707.2|	0.0|	0.0|	707.2|		
| 6- 1|si| 5| Tz |	668.9|	-0.2|	0.0|	668.9|		
| 7- 2|si| 9| Ty |	127.8|	0.0|	1.0|	127.8|		
| 5- 1|si| 7| Si |	707.2|	0.2|	0.0|	707.2|		
----- PROGR. 136.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	697.8|	0.0|	0.0|	17758.9|	0.0|	-10.3|
| 6- 1|	697.8|	0.0|	0.0|	17202.9|	0.0|	-10.3|
| 7- 2|	697.8|	0.0|	0.0|	3244.2|	0.0|	-10.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	705.4|	0.0|	0.0|	705.4|		
| 6- 1|si| 5| Tz |	670.5|	-0.4|	0.0|	670.5|		
| 7- 2|si| 9| Ty |	127.7|	0.0|	2.0|	127.7|		
| 5- 1|si| 7| Si |	705.4|	0.4|	0.0|	705.4|		
----- PROGR. 159.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	407.1|	0.0|	0.0|	17756.1|	0.0|	-15.4|
| 6- 1|	407.1|	0.0|	0.0|	17200.0|	0.0|	-15.4|
| 7- 2|	407.1|	0.0|	0.0|	3241.4|	0.0|	-15.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	702.6|	0.0|	0.0|	702.6|		
| 6- 1|si| 5| Tz |	673.1|	-0.6|	0.0|	673.1|		
| 7- 2|si| 9| Ty |	127.6|	0.0|	3.0|	127.7|		
| 5- 1|si| 7| Si |	702.6|	0.6|	0.0|	702.6|		
----- PROGR. 182.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	17753.2|	0.0|	-20.5|
| 6- 1|	0.0|	0.0|	0.0|	17197.2|	0.0|	-20.5|
| 7- 2|	0.0|	0.0|	0.0|	3238.6|	0.0|	-20.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	698.7|	0.0|	0.0|	698.7|		
| 6- 1|si| 5| Tz |	676.8|	-0.8|	0.0|	676.8|		
| 7- 2|si| 9| Ty |	127.5|	0.0|	4.0|	127.6|		
| 5- 1|si| 9| Si |	698.7|	0.0|	4.0|	698.7|		

 VERIFICA STABILITA` :asta tesa per tutti i casi di carico.

Copertura area carburante - Relazione di calcolo

P_HEA120_S005 (5) stato limite ultimo - ASTA (780- 724) 1363
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-13177.8|	0.0|	20.5|
1- 1|	0.0|	0.0|	0.0|	-7097.8|	0.0|	20.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-518.6|	0.0|	0.0|	518.6|
5- 1|si| 5| Tz				-518.6|	0.8|	0.0|	518.6|
1- 1|si| 9| Ty				-279.3|	0.0|	-4.0|	279.4|
5- 1|si| 9| Si				-518.6|	0.0|	-4.0|	518.7|

----- PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	407.1|	0.0|	0.0|	-13175.0|	0.0|	15.4|
1- 1|	407.1|	0.0|	0.0|	-7095.0|	0.0|	15.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-522.3|	0.0|	0.0|	522.3|
5- 1|si| 5| Tz				-522.3|	0.6|	0.0|	522.3|
1- 1|si| 9| Ty				-279.2|	0.0|	-3.0|	279.3|

----- PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	697.8|	0.0|	0.0|	-13172.2|	0.0|	10.3|
1- 1|	697.8|	0.0|	0.0|	-7092.1|	0.0|	10.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-524.9|	0.0|	0.0|	524.9|
5- 1|si| 5| Tz				-524.9|	0.4|	0.0|	524.9|
1- 1|si| 9| Ty				-279.1|	0.0|	-2.0|	279.1|

----- PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	872.3|	0.0|	0.0|	-13169.3|	0.0|	5.1|
1- 1|	872.3|	0.0|	0.0|	-7089.3|	0.0|	5.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-526.5|	0.0|	0.0|	526.5|
5- 1|si| 5| Tz				-526.5|	0.2|	0.0|	526.5|
1- 1|si| 9| Ty				-279.0|	0.0|	-1.0|	279.0|

----- PROGR. 91.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	930.5|	0.0|	0.0|	-13166.5|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-526.9|	0.0|	0.0|	526.9|
5- 1|si| 5| Tz				-526.9|	0.0|	0.0|	526.9|

----- PROGR. 113.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	872.3|	0.0|	0.0|	-13163.6|	0.0|	-5.1|
1- 1|	872.3|	0.0|	0.0|	-7083.6|	0.0|	-5.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-526.2|	0.0|	0.0|	526.2|
5- 1|si| 6| Tz				-526.2|	0.2|	0.0|	526.2|
1- 1|si| 9| Ty				-278.8|	0.0|	1.0|	278.8|
5- 1|si| 5| Si				-526.2|	-0.2|	0.0|	526.2|

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	697.8|	0.0|	0.0|	-13160.8|	0.0|	-10.3|
1- 1|	697.8|	0.0|	0.0|	-7080.8|	0.0|	-10.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-524.5|	0.0|	0.0|	524.5|
5- 1|si| 6| Tz				-524.5|	0.4|	0.0|	524.5|
1- 1|si| 9| Ty				-278.7|	0.0|	2.0|	278.7|
5- 1|si| 5| Si				-524.5|	-0.4|	0.0|	524.5|

----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	407.1|	0.0|	0.0|	-13158.0|	0.0|	-15.4|
1- 1|	407.1|	0.0|	0.0|	-7077.9|	0.0|	-15.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-521.6|	0.0|	0.0|	521.6|
5- 1|si| 6| Tz				-521.6|	0.6|	0.0|	521.6|
1- 1|si| 9| Ty				-278.5|	0.0|	3.0|	278.6|
5- 1|si| 5| Si				-521.6|	-0.6|	0.0|	521.6|

----- PROGR. 182.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-13155.1|	0.0|	-20.5|
1- 1|	0.0|	0.0|	0.0|	-7075.1|	0.0|	-20.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx				-517.7|	0.0|	0.0|	517.7|
5- 1|si| 6| Tz				-517.7|	0.8|	0.0|	517.7|
1- 1|si| 9| Ty				-278.4|	0.0|	4.0|	278.5|
5- 1|si| 9| Si				-517.7|	0.0|	4.0|	517.8|

VERIFICA STABILITA` :

|L0 = 182. |

Copertura area carburante - Relazione di calcolo

Z |Lc = 182. |Ro = 4.89|lm = 37.1|Ncr= 382081.4|alfa(b)=0.3400|ki=0.9149|
 Y |Lc = 182. |Ro = 3.01|lm = 60.2|Ncr= 145216.0|alfa(c)=0.4900|ki=0.7286|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -13177.8|Mzeq = 806.4|Myeq = 0.0|Ss = -719.6 (0.275)

P_HEA120_S005 (5) stato limite ultimo - ASTA (724- 782) 1364
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	0.0	0.0	0.0	-4286.6	0.0	20.5
5- 1	0.0	0.0	0.0	-3638.3	0.0	20.5
1- 1	0.0	0.0	0.0	-2500.5	0.0	20.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	1	Sx	-168.7	0.0	0.0	168.7
5- 1	si	6	Tz	-143.2	-0.8	0.0	143.2
1- 1	si	9	Ty	-98.4	0.0	-4.0	98.7
8- 1	si	9	Si	-168.7	0.0	-4.0	168.8
 ----- PROGR. 23.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	407.1	0.0	0.0	-4289.4	0.0	15.4
5- 1	407.1	0.0	0.0	-3641.1	0.0	15.4
1- 1	407.1	0.0	0.0	-2503.3	0.0	15.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-172.6	0.0	0.0	172.6
5- 1	si	6	Tz	-147.1	-0.6	0.0	147.1
1- 1	si	9	Ty	-98.5	0.0	-3.0	98.7
8- 1	si	6	Si	-172.6	-0.6	0.0	172.6
 ----- PROGR. 45.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	697.8	0.0	0.0	-4292.2	0.0	10.3
5- 1	697.8	0.0	0.0	-3644.0	0.0	10.3
1- 1	697.8	0.0	0.0	-2506.2	0.0	10.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-175.5	0.0	0.0	175.5
5- 1	si	6	Tz	-150.0	-0.4	0.0	150.0
1- 1	si	9	Ty	-98.6	0.0	-2.0	98.7
8- 1	si	6	Si	-175.5	-0.4	0.0	175.5
 ----- PROGR. 68.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	872.3	0.0	0.0	-4295.1	0.0	5.1
5- 1	872.3	0.0	0.0	-3646.8	0.0	5.1
1- 1	872.3	0.0	0.0	-2509.0	0.0	5.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-177.2	0.0	0.0	177.2
5- 1	si	6	Tz	-151.7	-0.2	0.0	151.7
1- 1	si	9	Ty	-98.7	0.0	-1.0	98.8
8- 1	si	6	Si	-177.2	-0.2	0.0	177.2
 ----- PROGR. 91.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	930.5	0.0	0.0	-4297.9	0.0	0.0
5- 1	930.5	0.0	0.0	-3649.7	0.0	0.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-177.9	0.0	0.0	177.9
5- 1	si	5	Tz	-152.4	0.0	0.0	152.4
 ----- PROGR. 113.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	872.3	0.0	0.0	-4300.8	0.0	-5.1
5- 1	872.3	0.0	0.0	-3652.5	0.0	-5.1
1- 1	872.3	0.0	0.0	-2514.7	0.0	-5.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-177.4	0.0	0.0	177.4
5- 1	si	5	Tz	-151.9	-0.2	0.0	151.9
1- 1	si	9	Ty	-99.0	0.0	1.0	99.0
8- 1	si	6	Si	-177.4	0.2	0.0	177.4
 ----- PROGR. 136.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	697.8	0.0	0.0	-4303.6	0.0	-10.3
5- 1	697.8	0.0	0.0	-3655.3	0.0	-10.3
1- 1	697.8	0.0	0.0	-2517.5	0.0	-10.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-175.9	0.0	0.0	175.9
5- 1	si	5	Tz	-150.4	-0.4	0.0	150.4
1- 1	si	9	Ty	-99.1	0.0	2.0	99.1
8- 1	si	6	Si	-175.9	0.4	0.0	175.9
 ----- PROGR. 159.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
8- 1	407.1	0.0	0.0	-4306.4	0.0	-15.4
5- 1	407.1	0.0	0.0	-3658.2	0.0	-15.4
1- 1	407.1	0.0	0.0	-2520.4	0.0	-15.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-173.3	0.0	0.0	173.3
5- 1	si	5	Tz	-147.8	-0.6	0.0	147.8
1- 1	si	9	Ty	-99.2	0.0	3.0	99.3
8- 1	si	6	Si	-173.3	0.6	0.0	173.3
 ----- PROGR. 182.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 1 | 0.0 | 0.0 | 0.0 | -4309.3 | 0.0 | -20.5 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -3661.0 | 0.0 | -20.5 |
| 1- 1 | 0.0 | 0.0 | 0.0 | -2523.2 | 0.0 | -20.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 1|si| 2|Sx | -169.6 | 0.0 | 0.0 | 169.6 |
| 5- 1|si| 5| Tz | -144.1 | -0.8 | 0.0 | 144.1 |
| 1- 1|si| 9| Ty | -99.3 | 0.0 | 4.0 | 99.5 |
| 8- 1|si|10| Si | -169.6 | 0.0 | 4.0 | 169.7 |
-----
VERIFICA STABILITA` :
|L0 = 182. |
Z |Lc = 182. |Ro = 4.89|lm = 37.1|Ncr= 382081.4|alfa(b )=0.3400|ki=0.9149|
Y |Lc = 182. |Ro = 3.01|lm = 60.2|Ncr= 145216.0|alfa(c )=0.4900|ki=0.7286|
Caso 8- 1 - Nodo 2 - Asse Y
Ned = -4309.3|Mzeq = 806.4|Myeq = 0.0|Ss = -240.4 ( 0.092)

P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 782- 725) 1365
-----
SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | 8932.2 | 0.0 | 20.5 |
| 5- 1 | 0.0 | 0.0 | 0.0 | 8432.1 | 0.0 | 20.5 |
| 1- 1 | 0.0 | 0.0 | 0.0 | 5177.6 | 0.0 | 20.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | 351.5 | 0.0 | 0.0 | 351.5 |
| 5- 1|si| 5| Tz | 331.8 | 0.8 | 0.0 | 331.8 |
| 1- 1|si| 9| Ty | 203.8 | 0.0 | -4.0 | 203.9 |
| 6- 1|si| 9| Si | 351.5 | 0.0 | -4.0 | 351.6 |
-----
SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 407.1 | 0.0 | 0.0 | 8935.0 | 0.0 | 15.4 |
| 5- 1 | 407.1 | 0.0 | 0.0 | 8435.0 | 0.0 | 15.4 |
| 1- 1 | 407.1 | 0.0 | 0.0 | 5180.4 | 0.0 | 15.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 355.4 | 0.0 | 0.0 | 355.4 |
| 5- 1|si| 5| Tz | 328.1 | 0.6 | 0.0 | 328.1 |
| 1- 1|si| 9| Ty | 203.9 | 0.0 | -3.0 | 203.9 |
| 6- 1|si| 8| Si | 355.4 | 0.6 | 0.0 | 355.5 |
-----
SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 697.8 | 0.0 | 0.0 | 8937.8 | 0.0 | 10.3 |
| 5- 1 | 697.8 | 0.0 | 0.0 | 8437.8 | 0.0 | 10.3 |
| 1- 1 | 697.8 | 0.0 | 0.0 | 5183.3 | 0.0 | 10.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 358.3 | 0.0 | 0.0 | 358.3 |
| 5- 1|si| 5| Tz | 325.5 | 0.4 | 0.0 | 325.5 |
| 1- 1|si| 9| Ty | 204.0 | 0.0 | -2.0 | 204.0 |
| 6- 1|si| 8| Si | 358.3 | 0.4 | 0.0 | 358.3 |
-----
SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 872.3 | 0.0 | 0.0 | 8940.7 | 0.0 | 5.1 |
| 5- 1 | 872.3 | 0.0 | 0.0 | 8440.7 | 0.0 | 5.1 |
| 1- 1 | 872.3 | 0.0 | 0.0 | 5186.1 | 0.0 | 5.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 360.0 | 0.0 | 0.0 | 360.0 |
| 5- 1|si| 5| Tz | 324.0 | 0.2 | 0.0 | 324.0 |
| 1- 1|si| 9| Ty | 204.1 | 0.0 | -1.0 | 204.1 |
| 6- 1|si| 8| Si | 360.0 | 0.2 | 0.0 | 360.0 |
-----
SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 930.5 | 0.0 | 0.0 | 8943.5 | 0.0 | 0.0 |
| 5- 1 | 930.5 | 0.0 | 0.0 | 8443.5 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 360.7 | 0.0 | 0.0 | 360.7 |
| 5- 1|si| 5| Tz | 323.6 | 0.0 | 0.0 | 323.6 |
-----
SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 872.3 | 0.0 | 0.0 | 8946.4 | 0.0 | -5.1 |
| 5- 1 | 872.3 | 0.0 | 0.0 | 8446.3 | 0.0 | -5.1 |
| 1- 1 | 872.3 | 0.0 | 0.0 | 5191.8 | 0.0 | -5.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 360.3 | 0.0 | 0.0 | 360.3 |
| 5- 1|si| 6| Tz | 324.2 | 0.2 | 0.0 | 324.2 |
| 1- 1|si| 9| Ty | 204.3 | 0.0 | 1.0 | 204.3 |
| 6- 1|si| 8| Si | 360.3 | -0.2 | 0.0 | 360.3 |
-----
SOLLECITAZIONI
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 697.8 | 0.0 | 0.0 | 8949.2 | 0.0 | -10.3 |
| 5- 1 | 697.8 | 0.0 | 0.0 | 8449.2 | 0.0 | -10.3 |
| 1- 1 | 697.8 | 0.0 | 0.0 | 5194.6 | 0.0 | -10.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 358.7 | 0.0 | 0.0 | 358.7 |

```

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6|	Tz	|	326.0|	0.4|	0.0|	326.0|					
| 1- 1|si| 9|	Ty	|	204.4|	0.0|	2.0|	204.5|					
| 6- 1|si| 8|	Si	|	358.7|	-0.4|	0.0|	358.7|					
							PROGR.	159.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	407.1|		0.0|		0.0|		8952.0|		0.0|		-15.4|
| 5- 1|	407.1|		0.0|		0.0|		8452.0|		0.0|		-15.4|
| 1- 1|	407.1|		0.0|		0.0|		5197.5|		0.0|		-15.4|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 6- 1|si| 3|	Sx	|	356.1|		0.0|		0.0|		356.1|		
| 5- 1|si| 6|	Tz	|	328.8|		0.6|		0.0|		328.8|		
| 1- 1|si| 9|	Ty	|	204.5|		0.0|		3.0|		204.6|		
| 6- 1|si| 8|	Si	|	356.1|		-0.6|		0.0|		356.1|		
							PROGR.	182.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	0.0|		0.0|		0.0|		8954.9|		0.0|		-20.5|
| 5- 1|	0.0|		0.0|		0.0|		8454.9|		0.0|		-20.5|
| 1- 1|	0.0|		0.0|		0.0|		5200.3|		0.0|		-20.5|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 6- 1|si| 2|	Sx	|	352.4|		0.0|		0.0|		352.4|		
| 5- 1|si| 6|	Tz	|	332.7|		0.8|		0.0|		332.7|		
| 1- 1|si| 9|	Ty	|	204.7|		0.0|		4.0|		204.8|		
| 6- 1|si| 10|	Si	|	352.4|		0.0|		4.0|		352.5|		
							PROGR.	182.			
VERIFICA STABILITA` :											
|L0 = 182. |											
Z |Lc = 182. |Ro = 4.89|lm = 37.1|Ncr= 382081.4|alfa(b)=0.3400|ki=0.9149|											
Y |Lc = 182. |Ro = 3.01|lm = 60.2|Ncr= 145216.0|alfa(c)=0.4900|ki=0.7286|											
Casol2-15 - Nodo 1 - Asse Y											
Ned = -788.0|Mzeq = 620.3|Myeq = 0.0|Ss = -48.4 (0.018)											
P_HEAL20_S005 (5) stato limite ultimo - ASTA (725- 784) 1366											
							PROGR.	0.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	0.0|		0.0|		0.0|		-26923.2|		0.0|		20.5|
| 7- 2|	0.0|		0.0|		0.0|		-6677.1|		0.0|		20.5|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 6- 1|si| 1|	Sx	|	-1059.5|		0.0|		0.0|		1059.5|		
| 7- 2|si| 5|	Tz	|	-262.8|		0.8|		0.0|		262.8|		
| 7- 2|si| 9|	Ty	|	-262.8|		0.0|		-4.0|		262.9|		
| 6- 1|si| 9|	Si	|	-1059.5|		0.0|		-4.0|		1059.6|		
							PROGR.	23.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	406.2|		0.0|		0.0|		-26926.0|		0.0|		15.4|
| 7- 2|	406.2|		0.0|		0.0|		-6679.9|		0.0|		15.4|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 6- 1|si| 1|	Sx	|	-1063.5|		0.0|		0.0|		1063.5|		
| 7- 2|si| 5|	Tz	|	-266.7|		0.6|		0.0|		266.7|		
| 7- 2|si| 9|	Ty	|	-262.9|		0.0|		-3.0|		262.9|		
| 6- 1|si| 5|	Si	|	-1063.5|		0.6|		0.0|		1063.5|		
							PROGR.	45.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	696.3|		0.0|		0.0|		-26928.8|		0.0|		10.2|
| 7- 2|	696.3|		0.0|		0.0|		-6682.8|		0.0|		10.2|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 6- 1|si| 1|	Sx	|	-1066.3|		0.0|		0.0|		1066.3|		
| 7- 2|si| 5|	Tz	|	-269.5|		0.4|		0.0|		269.5|		
| 7- 2|si| 9|	Ty	|	-263.0|		0.0|		-2.0|		263.0|		
| 6- 1|si| 5|	Si	|	-1066.3|		0.4|		0.0|		1066.3|		
							PROGR.	68.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	870.4|		0.0|		0.0|		-26931.7|		0.0|		5.1|
| 7- 2|	870.4|		0.0|		0.0|		-6685.6|		0.0|		5.1|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 6- 1|si| 1|	Sx	|	-1068.0|		0.0|		0.0|		1068.0|		
| 7- 2|si| 5|	Tz	|	-271.3|		0.2|		0.0|		271.3|		
| 7- 2|si| 9|	Ty	|	-263.1|		0.0|		-1.0|		263.1|		
| 6- 1|si| 5|	Si	|	-1068.0|		0.2|		0.0|		1068.0|		
							PROGR.	91.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	928.4|		0.0|		0.0|		-26934.5|		0.0|		0.0|
| 5- 1|	928.4|		0.0|		0.0|		-26458.5|		0.0|		0.0|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 6- 1|si| 1|	Sx	|	-1068.7|		0.0|		0.0|		1068.7|		
| 5- 1|si| 6|	Tz	|	-1050.0|		0.0|		0.0|		1050.0|		
| 5- 1|si| 9|	Ty	|	-1041.3|		0.0|		0.0|		1041.3|		
							PROGR.	113.			
SOLLECITAZIONI :											
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	870.4|		0.0|		0.0|		-26937.4|		0.0|		-5.1|
| 5- 1|	870.4|		0.0|		0.0|		-26461.3|		0.0|		-5.1|
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	
| 6- 1|si| 1|	Sx	|	-1068.3|		0.0|		0.0|		1068.3|		

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 6| Tz | -1049.5| 0.2| 0.0| 1049.5|
| 5- 1|si| 9| Ty | -1041.4| 0.0| 1.0| 1041.4|
| 6- 1|si| 5| Si | -1068.3| -0.2| 0.0| 1068.3|
-----
PROGR. 136.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 696.3| 0.0| 0.0| -26940.2| 0.0| -10.2|
| 5- 1| 696.3| 0.0| 0.0| -26464.1| 0.0| -10.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -1066.7| 0.0| 0.0| 1066.7|
| 5- 1|si| 6| Tz | -1048.0| 0.4| 0.0| 1048.0|
| 5- 1|si| 9| Ty | -1041.5| 0.0| 2.0| 1041.5|
| 6- 1|si| 5| Si | -1066.7| -0.4| 0.0| 1066.7|
-----
PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 406.2| 0.0| 0.0| -26943.0| 0.0| -15.4|
| 5- 1| 406.2| 0.0| 0.0| -26467.0| 0.0| -15.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -1064.1| 0.0| 0.0| 1064.1|
| 5- 1|si| 6| Tz | -1045.4| 0.6| 0.0| 1045.4|
| 5- 1|si| 9| Ty | -1041.6| 0.0| 3.0| 1041.6|
| 6- 1|si| 5| Si | -1064.1| -0.6| 0.0| 1064.1|
-----
PROGR. 181.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -26945.9| 0.0| -20.5|
| 5- 1| 0.0| 0.0| 0.0| -26469.8| 0.0| -20.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx | -1060.4| 0.0| 0.0| 1060.4|
| 5- 1|si| 6| Tz | -1041.7| 0.8| 0.0| 1041.7|
| 5- 1|si| 9| Ty | -1041.7| 0.0| 4.0| 1041.7|
| 6- 1|si| 9| Si | -1060.4| 0.0| 4.0| 1060.5|
-----
VERIFICA STABILITA` :
|L0 = 181.1|
Z |Lc = 181.1|Ro = 4.89|lm = 37.1|Ncr= 382818.7|alfa(b)=0.3400|ki=0.9151|
Y |Lc = 181.1|Ro = 3.01|lm = 60.2|Ncr= 145496.3|alfa(c)=0.4900|ki=0.7290|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -26945.9|Mzeq = 804.6|Myeq = 0.0|Ss = -1462.8 ( 0.559)

P_HEA120_S005 ( 5) stato limite ultimo - ASTA ( 784- 390) 1367
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 30977.0| 0.0| 20.5|
| 1- 1| 0.0| 0.0| 0.0| 17740.8| 0.0| 20.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | 1219.1| 0.0| 0.0| 1219.1|
| 6- 1|si| 6| Tz | 1219.1| -0.8| 0.0| 1219.1|
| 1- 1|si| 9| Ty | 698.2| 0.0| -4.0| 698.2|
| 6- 1|si| 9| Si | 1219.1| 0.0| -4.0| 1219.1|
-----
PROGR. 23.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 406.2| 0.0| 0.0| 30979.8| 0.0| 15.4|
| 2- 1| 406.2| 0.0| 0.0| 24435.9| 0.0| 15.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 1223.0| 0.0| 0.0| 1223.0|
| 6- 1|si| 6| Tz | 1215.4| -0.6| 0.0| 1215.4|
| 2- 1|si| 9| Ty | 961.7| 0.0| -3.0| 961.7|
| 6- 1|si| 7| Si | 1223.0| -0.6| 0.0| 1223.0|
-----
PROGR. 45.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 696.3| 0.0| 0.0| 30982.7| 0.0| 10.2|
| 2- 1| 696.3| 0.0| 0.0| 24438.8| 0.0| 10.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 1225.8| 0.0| 0.0| 1225.8|
| 6- 1|si| 6| Tz | 1212.8| -0.4| 0.0| 1212.8|
| 2- 1|si| 9| Ty | 961.8| 0.0| -2.0| 961.8|
| 6- 1|si| 7| Si | 1225.8| -0.4| 0.0| 1225.8|
-----
PROGR. 68.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 870.4| 0.0| 0.0| 30985.5| 0.0| 5.1|
| 5- 2| 870.4| 0.0| 0.0| 18403.1| 0.0| 5.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 1227.6| 0.0| 0.0| 1227.6|
| 6- 1|si| 6| Tz | 1211.2| -0.2| 0.0| 1211.2|
| 5- 2|si| 9| Ty | 724.2| 0.0| -1.0| 724.2|
| 6- 1|si| 7| Si | 1227.6| -0.2| 0.0| 1227.6|
-----
PROGR. 91.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 928.4| 0.0| 0.0| 30988.3| 0.0| 0.0|
| 11-14| 714.1| 0.0| 0.0| 7508.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx | 1228.2| 0.0| 0.0| 1228.2|
| 6- 1|si| 5| Tz | 1210.8| 0.0| 0.0| 1210.8|

```

Copertura area carburante - Relazione di calcolo

| 11-14|si| 9|	Ty	|	295.5|	0.0|	0.0|	295.5|			

PROGR. 113.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	870.4|		0.0|		0.0|		30991.2|		0.0|
| 5- 2|	870.4|		0.0|		0.0|		18408.8|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 4|Sx	|	1227.8|		0.0|		0.0|		1227.8|
| 6- 1|	si| 5| Tz	|	1211.5|		-0.2|		0.0|		1211.5|
| 5- 2|	si| 9| Ty	|	724.5|		0.0|		1.0|		724.5|
| 6- 1|	si| 7| Si	|	1227.8|		0.2|		0.0|		1227.8|

PROGR. 136.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	696.3|		0.0|		0.0|		30994.0|		0.0|
| 2- 1|	696.3|		0.0|		0.0|		24450.1|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 4|Sx	|	1226.3|		0.0|		0.0|		1226.3|
| 6- 1|	si| 5| Tz	|	1213.2|		-0.4|		0.0|		1213.2|
| 2- 1|	si| 9| Ty	|	962.2|		0.0|		2.0|		962.2|
| 6- 1|	si| 7| Si	|	1226.3|		0.4|		0.0|		1226.3|

PROGR. 159.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	406.2|		0.0|		0.0|		30996.9|		0.0|
| 2- 1|	406.2|		0.0|		0.0|		24453.0|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 4|Sx	|	1223.7|		0.0|		0.0|		1223.7|
| 6- 1|	si| 5| Tz	|	1216.1|		-0.6|		0.0|		1216.1|
| 2- 1|	si| 9| Ty	|	962.3|		0.0|		3.0|		962.3|
| 6- 1|	si| 7| Si	|	1223.7|		0.6|		0.0|		1223.7|

PROGR. 181.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		30999.7|		0.0|
| 1- 1|	0.0|		0.0|		0.0|		17763.5|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 1|Sx	|	1220.0|		0.0|		0.0|		1220.0|
| 6- 1|	si| 5| Tz	|	1220.0|		-0.8|		0.0|		1220.0|
| 1- 1|	si| 9| Ty	|	699.1|		0.0|		4.0|		699.1|
| 6- 1|	si| 9| Si	|	1220.0|		0.0|		4.0|		1220.0|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
P_IPe80_s008 (8) stato limite ultimo - ASTA (567- 543) 925									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-333.1|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 1|Sx	|	-43.5|		0.0|		0.0|		43.5|
| 6- 1|	si| 6| Tz	|	-43.5|		0.0|		0.0|		43.5|
| 6- 1|	si| 9| Ty	|	-43.5|		0.0|		0.0|		43.5|

PROGR. 11.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-332.3|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 4|Sx	|	-43.4|		0.0|		0.0|		43.4|
| 6- 1|	si| 6| Tz	|	-43.4|		0.0|		0.0|		43.4|
| 6- 1|	si| 9| Ty	|	-43.4|		0.0|		0.0|		43.4|

PROGR. 22.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-331.4|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 4|Sx	|	-43.3|		0.0|		0.0|		43.3|
| 6- 1|	si| 6| Tz	|	-43.3|		0.0|		0.0|		43.3|
| 6- 1|	si| 9| Ty	|	-43.3|		0.0|		0.0|		43.3|

PROGR. 33.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-330.6|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 4|Sx	|	-43.2|		0.0|		0.0|		43.2|
| 6- 1|	si| 6| Tz	|	-43.2|		0.0|		0.0|		43.2|
| 6- 1|	si| 9| Ty	|	-43.2|		0.0|		0.0|		43.2|

PROGR. 44.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-329.7|		0.0|
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si
| 6- 1|	si| 4|Sx	|	-43.1|		0.0|		0.0|		43.1|
| 6- 1|	si| 6| Tz	|	-43.1|		0.0|		0.0|		43.1|
| 6- 1|	si| 9| Ty	|	-43.1|		0.0|		0.0|		43.1|

PROGR. 55.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 6- 1|	0.0|		0.0|		0.0|		-328.9|		0.0|
TENSIONI (Sz= 0.00) :									

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	4	Sx	Si	-43.0	0.0	43.0
6-1	|si	6	Tz		-43.0	0.0	43.0
6-1	|si	9	Ty		-43.0	0.0	43.0

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-328.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	4	Sx	Si	-42.8	0.0	42.8
6-1	|si	6	Tz		-42.8	0.0	42.8
6-1	|si	9	Ty		-42.8	0.0	42.8

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-327.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	4	Sx	Si	-42.7	0.0	42.7
6-1	|si	6	Tz		-42.7	0.0	42.7
6-1	|si	9	Ty		-42.7	0.0	42.7

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-326.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	4	Sx	Si	-42.6	0.0	42.6
6-1	|si	6	Tz		-42.6	0.0	42.6
6-1	|si	9	Ty		-42.6	0.0	42.6

VERIFICA STABILITA' :

|L0 = 88.1
 Z |Lc = 88.1 |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88.1 |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 6-1 - Nodo 4 - Asse Y
 Ned = -333.1 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -70.1 (0.027)

P_IPE80_S008 (8) stato limite ultimo - ASTA (568- 544) 926
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-386.5	0.0	0.0
6-1	0.0	0.0	0.0	-380.1	0.0	0.0
12-4	0.0	0.0	0.0	-59.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	Si	-50.5	0.0	50.5
6-1	|si	5	Tz		-49.6	0.0	49.6
12-4	|si	9	Ty		-7.8	0.0	7.8

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-385.6	0.0	0.0
6-1	0.0	0.0	0.0	-379.2	0.0	0.0
12-4	0.0	0.0	0.0	-58.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	Si	-50.4	0.0	50.4
6-1	|si	5	Tz		-49.5	0.0	49.5
12-4	|si	9	Ty		-7.7	0.0	7.7

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-384.8	0.0	0.0
6-1	0.0	0.0	0.0	-378.4	0.0	0.0
12-4	0.0	0.0	0.0	-58.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	Si	-50.3	0.0	50.3
6-1	|si	5	Tz		-49.4	0.0	49.4
12-4	|si	9	Ty		-7.6	0.0	7.6

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-383.9	0.0	0.0
6-1	0.0	0.0	0.0	-377.5	0.0	0.0
12-4	0.0	0.0	0.0	-57.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	Si	-50.1	0.0	50.1
6-1	|si	5	Tz		-49.3	0.0	49.3
12-4	|si	9	Ty		-7.5	0.0	7.5

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-383.1	0.0	0.0
6-1	0.0	0.0	0.0	-376.7	0.0	0.0
12-4	0.0	0.0	0.0	-56.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	Sx	Si	-50.0	0.0	50.0
6-1	|si	5	Tz		-49.2	0.0	49.2
12-4	|si	9	Ty		-7.4	0.0	7.4

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
------	----	----	----	---	----	----

Copertura area carburante - Relazione di calcolo

```

| 5- 1|      0.0|      0.0|      0.0| -382.2|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -375.8|      0.0|      0.0|
| 12- 4|     0.0|      0.0|      0.0| -56.1|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -49.9| 0.0| 0.0| 49.9|
| 6- 1|si| 5| Tz | -49.1| 0.0| 0.0| 49.1|
| 12- 4|si| 9| Ty | -7.3| 0.0| 0.0| 7.3|
-----

```

PROGR. 66.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -381.4|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -375.0|      0.0|      0.0|
| 12- 4|      0.0|      0.0|      0.0| -55.5|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -49.8| 0.0| 0.0| 49.8|
| 6- 1|si| 5| Tz | -49.0| 0.0| 0.0| 49.0|
| 12- 4|si| 9| Ty | -7.2| 0.0| 0.0| 7.2|
-----

```

PROGR. 77.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -380.5|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -374.1|      0.0|      0.0|
| 12- 4|      0.0|      0.0|      0.0| -54.8|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -49.7| 0.0| 0.0| 49.7|
| 6- 1|si| 5| Tz | -48.9| 0.0| 0.0| 48.9|
| 12- 4|si| 9| Ty | -7.2| 0.0| 0.0| 7.2|
-----

```

PROGR. 88.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -379.7|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -373.3|      0.0|      0.0|
| 12- 4|      0.0|      0.0|      0.0| -54.2|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -49.6| 0.0| 0.0| 49.6|
| 6- 1|si| 5| Tz | -48.8| 0.0| 0.0| 48.8|
| 12- 4|si| 9| Ty | -7.1| 0.0| 0.0| 7.1|
-----

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -386.5|Mzeq = 0.0|Myeq = 0.0|Ss = -81.3 ( 0.031)

```

```

P_IPE80_S008 ( 8) ----- stato limite ultimo - ASTA ( 569- 545) 927
-----

```

PROGR. 0.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -356.4|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -336.2|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -46.6| 0.0| 0.0| 46.6|
| 6- 1|si| 5| Tz | -43.9| 0.0| 0.0| 43.9|
| 5- 1|si| 9| Ty | -46.6| 0.0| 0.0| 46.6|
-----

```

PROGR. 11.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -355.6|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -335.3|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -46.4| 0.0| 0.0| 46.4|
| 6- 1|si| 5| Tz | -43.8| 0.0| 0.0| 43.8|
| 5- 1|si| 9| Ty | -46.4| 0.0| 0.0| 46.4|
-----

```

PROGR. 22.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -354.7|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -334.5|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -46.3| 0.0| 0.0| 46.3|
| 6- 1|si| 5| Tz | -43.7| 0.0| 0.0| 43.7|
| 5- 1|si| 9| Ty | -46.3| 0.0| 0.0| 46.3|
-----

```

PROGR. 33.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -353.8|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -333.6|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -46.2| 0.0| 0.0| 46.2|
| 6- 1|si| 5| Tz | -43.6| 0.0| 0.0| 43.6|
| 5- 1|si| 9| Ty | -46.2| 0.0| 0.0| 46.2|
-----

```

PROGR. 44.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -353.0|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -332.8|      0.0|      0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx |Si| -46.1| 0.0| 0.0| 46.1|

```

Copertura area carburante - Relazione di calcolo

| 6-1|si| 5|	Tz	|	-43.5|	0.0|	0.0|	43.5|		
| 5-1|si| 9|	Ty	|	-46.1|	0.0|	0.0|	46.1|		
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-352.1|	
| 6-1|	0.0|		0.0|		0.0|		-331.9|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 1|	Sx	Si	|	-46.0|		0.0|		0.0|
| 6-1|si| 5|	Tz	|	-43.3|		0.0|		0.0|	43.3|
| 5-1|si| 9|	Ty	|	-46.0|		0.0|		0.0|	46.0|
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-351.3|	
| 6-1|	0.0|		0.0|		0.0|		-331.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 1|	Sx	Si	|	-45.9|		0.0|		0.0|
| 6-1|si| 5|	Tz	|	-43.2|		0.0|		0.0|	43.2|
| 5-1|si| 9|	Ty	|	-45.9|		0.0|		0.0|	45.9|
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-350.4|	
| 6-1|	0.0|		0.0|		0.0|		-330.2|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 1|	Sx	Si	|	-45.8|		0.0|		0.0|
| 6-1|si| 5|	Tz	|	-43.1|		0.0|		0.0|	43.1|
| 5-1|si| 9|	Ty	|	-45.8|		0.0|		0.0|	45.8|
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-349.6|	
| 6-1|	0.0|		0.0|		0.0|		-329.3|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 1|	Sx	Si	|	-45.7|		0.0|		0.0|
| 6-1|si| 5|	Tz	|	-43.0|		0.0|		0.0|	43.0|
| 5-1|si| 9|	Ty	|	-45.7|		0.0|		0.0|	45.7|

VERIFICA STABILITA` :								
|L0 =	88. |							
Z |Lc =	88. |Ro =	3.24|lm =	27.2|Ncr=	214856.6|	alfa(a)=	0.2100|	ki=	0.9744|
Y |Lc =	88. |Ro =	1.05|lm =	83.6|Ncr=	22725.8|	alfa(b)=	0.3400|	ki=	0.6209|
Caso 5-1 - Nodo 1 - Asse Y								
Ned =	-356.4|	Mzeq =	0.0|	Myeq =	0.0|	Ss =	-75.0 (	0.029)
-----							PROGR.	0.
P_IPE80_S008 (8) stato limite ultimo - ASTA (621- 597) 1024								

SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-283.0|	
| 6-1|	0.0|		0.0|		0.0|		-268.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 1|	Sx	Si	|	-37.0|		0.0|		0.0|
| 6-1|si| 6|	Tz	|	-35.0|		0.0|		0.0|	35.0|
| 5-1|si| 9|	Ty	|	-37.0|		0.0|		0.0|	37.0|
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-282.1|	
| 6-1|	0.0|		0.0|		0.0|		-267.2|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 4|	Sx	Si	|	-36.9|		0.0|		0.0|
| 6-1|si| 6|	Tz	|	-34.9|		0.0|		0.0|	34.9|
| 5-1|si| 9|	Ty	|	-36.9|		0.0|		0.0|	36.9|
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-281.3|	
| 6-1|	0.0|		0.0|		0.0|		-266.3|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 4|	Sx	Si	|	-36.7|		0.0|		0.0|
| 6-1|si| 6|	Tz	|	-34.8|		0.0|		0.0|	34.8|
| 5-1|si| 9|	Ty	|	-36.7|		0.0|		0.0|	36.7|
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-280.4|	
| 6-1|	0.0|		0.0|		0.0|		-265.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 4|	Sx	Si	|	-36.6|		0.0|		0.0|
| 6-1|si| 6|	Tz	|	-34.7|		0.0|		0.0|	34.7|
| 5-1|si| 9|	Ty	|	-36.6|		0.0|		0.0|	36.6|
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5-1|	0.0|		0.0|		0.0|		-279.6|	
| 6-1|	0.0|		0.0|		0.0|		-264.6|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty
| 5-1|si| 4|	Sx	Si	|	-36.6|		0.0|		0.0|
| 6-1|si| 6|	Tz	|	-34.7|		0.0|		0.0|	34.7|
| 5-1|si| 9|	Ty	|	-36.6|		0.0|		0.0|	36.6|

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 4|Sx	Si	-36.5|	0.0|	0.0|	36.5|			
| 6- 1|si| 6| Tz		-34.6|	0.0|	0.0|	34.6|			
| 5- 1|si| 9| Ty		-36.5|	0.0|	0.0|	36.5|			
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-278.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-263.7|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-36.4|	0.0|	0.0|	36.4|			
| 6- 1|si| 6| Tz		-34.4|	0.0|	0.0|	34.4|			
| 5- 1|si| 9| Ty		-36.4|	0.0|	0.0|	36.4|			
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-277.9|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-262.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-36.3|	0.0|	0.0|	36.3|			
| 6- 1|si| 6| Tz		-34.3|	0.0|	0.0|	34.3|			
| 5- 1|si| 9| Ty		-36.3|	0.0|	0.0|	36.3|			
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-277.0|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-262.0|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-36.2|	0.0|	0.0|	36.2|			
| 6- 1|si| 6| Tz		-34.2|	0.0|	0.0|	34.2|			
| 5- 1|si| 9| Ty		-36.2|	0.0|	0.0|	36.2|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-276.2|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-261.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-36.1|	0.0|	0.0|	36.1|			
| 6- 1|si| 6| Tz		-34.1|	0.0|	0.0|	34.1|			
| 5- 1|si| 9| Ty		-36.1|	0.0|	0.0|	36.1|			

VERIFICA STABILITA` :								
L0 = 88. |								
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|								
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|								
Caso 5- 1 - Nodo 4 - Asse Y								
Ned = -283.0|Mzeq = 0.0|Myeq = 0.0|Ss = -59.5 (0.023)								

P_IPe80_s008 (8)	stato limite ultimo - ASTA (622- 598)				1025			
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-344.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-321.2|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-45.0|	0.0|	0.0|	45.0|			
| 6- 1|si| 6| Tz		-41.9|	0.0|	0.0|	41.9|			
| 5- 1|si| 9| Ty		-45.0|	0.0|	0.0|	45.0|			
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-343.9|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-320.3|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-44.9|	0.0|	0.0|	44.9|			
| 6- 1|si| 6| Tz		-41.8|	0.0|	0.0|	41.8|			
| 5- 1|si| 9| Ty		-44.9|	0.0|	0.0|	44.9|			
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-343.0|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-319.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-44.8|	0.0|	0.0|	44.8|			
| 6- 1|si| 6| Tz		-41.7|	0.0|	0.0|	41.7|			
| 5- 1|si| 9| Ty		-44.8|	0.0|	0.0|	44.8|			
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-342.2|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-318.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-44.7|	0.0|	0.0|	44.7|			
| 6- 1|si| 6| Tz		-41.6|	0.0|	0.0|	41.6|			
| 5- 1|si| 9| Ty		-44.7|	0.0|	0.0|	44.7|			
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-341.3|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-317.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	4	Sx	Si	-44.6	0.0	0.0	44.6
6-1	|si	6	Tz		-41.5	0.0	0.0	41.5
5-1	|si	9	Ty		-44.6	0.0	0.0	44.6

55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-340.5	0.0	0.0
6-1	0.0	0.0	0.0	-316.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	4	Sx	Si	-44.5	0.0	0.0	44.5
6-1	|si	6	Tz		-41.4	0.0	0.0	41.4
5-1	|si	9	Ty		-44.5	0.0	0.0	44.5

66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-339.6	0.0	0.0
6-1	0.0	0.0	0.0	-316.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	4	Sx	Si	-44.4	0.0	0.0	44.4
6-1	|si	6	Tz		-41.3	0.0	0.0	41.3
5-1	|si	9	Ty		-44.4	0.0	0.0	44.4

77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-338.8	0.0	0.0
6-1	0.0	0.0	0.0	-315.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	4	Sx	Si	-44.2	0.0	0.0	44.2
6-1	|si	6	Tz		-41.2	0.0	0.0	41.2
5-1	|si	9	Ty		-44.2	0.0	0.0	44.2

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-337.9	0.0	0.0
6-1	0.0	0.0	0.0	-314.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	4	Sx	Si	-44.1	0.0	0.0	44.1
6-1	|si	6	Tz		-41.1	0.0	0.0	41.1
5-1	|si	9	Ty		-44.1	0.0	0.0	44.1

VERIFICA STABILITA` :

$L_0 = 88.1$
 $Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |$
 $Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |$
 Caso 5-1 - Nodo 4 - Asse Y
 $Ned = -344.7 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -72.5 (0.028)$

P_IPE80_S008 (8) stato limite ultimo - ASTA (623- 599) 1026
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-341.0	0.0	0.0
6-1	0.0	0.0	0.0	-311.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	1	Sx	Si	-44.5	0.0	0.0	44.5
6-1	|si	5	Tz		-40.7	0.0	0.0	40.7
5-1	|si	9	Ty		-44.5	0.0	0.0	44.5

11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-340.1	0.0	0.0
6-1	0.0	0.0	0.0	-311.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	1	Sx	Si	-44.4	0.0	0.0	44.4
6-1	|si	5	Tz		-40.6	0.0	0.0	40.6
5-1	|si	9	Ty		-44.4	0.0	0.0	44.4

22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-339.2	0.0	0.0
6-1	0.0	0.0	0.0	-310.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	1	Sx	Si	-44.3	0.0	0.0	44.3
6-1	|si	5	Tz		-40.5	0.0	0.0	40.5
5-1	|si	9	Ty		-44.3	0.0	0.0	44.3

33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-338.4	0.0	0.0
6-1	0.0	0.0	0.0	-309.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si	1	Sx	Si	-44.2	0.0	0.0	44.2
6-1	|si	5	Tz		-40.4	0.0	0.0	40.4
5-1	|si	9	Ty		-44.2	0.0	0.0	44.2

44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-337.5	0.0	0.0
6-1	0.0	0.0	0.0	-308.4	0.0	0.0

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -44.1| 0.0| 0.0| 44.1|
| 6- 1|si| 5| Tz | -40.3| 0.0| 0.0| 40.3|
| 5- 1|si| 9| Ty | -44.1| 0.0| 0.0| 44.1|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -336.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -307.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -44.0| 0.0| 0.0| 44.0|
| 6- 1|si| 5| Tz | -40.2| 0.0| 0.0| 40.2|
| 5- 1|si| 9| Ty | -44.0| 0.0| 0.0| 44.0|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -335.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -306.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -43.9| 0.0| 0.0| 43.9|
| 6- 1|si| 5| Tz | -40.1| 0.0| 0.0| 40.1|
| 5- 1|si| 9| Ty | -43.9| 0.0| 0.0| 43.9|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -335.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -305.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -43.8| 0.0| 0.0| 43.8|
| 6- 1|si| 5| Tz | -39.9| 0.0| 0.0| 39.9|
| 5- 1|si| 9| Ty | -43.8| 0.0| 0.0| 43.8|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -334.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -305.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -43.6| 0.0| 0.0| 43.6|
| 6- 1|si| 5| Tz | -39.8| 0.0| 0.0| 39.8|
| 5- 1|si| 9| Ty | -43.6| 0.0| 0.0| 43.6|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -341.0|Mzeq = 0.0|Myeq = 0.0|Ss = -71.7 ( 0.027)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 658- 642) 1091
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -291.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -278.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -38.0| 0.0| 0.0| 38.0|
| 6- 1|si| 6| Tz | -36.4| 0.0| 0.0| 36.4|
| 6- 1|si| 9| Ty | -36.4| 0.0| 0.0| 36.4|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -290.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -277.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -37.9| 0.0| 0.0| 37.9|
| 6- 1|si| 6| Tz | -36.3| 0.0| 0.0| 36.3|
| 6- 1|si| 9| Ty | -36.3| 0.0| 0.0| 36.3|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -289.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -276.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -37.8| 0.0| 0.0| 37.8|
| 6- 1|si| 6| Tz | -36.1| 0.0| 0.0| 36.1|
| 6- 1|si| 9| Ty | -36.1| 0.0| 0.0| 36.1|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -288.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -275.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -37.7| 0.0| 0.0| 37.7|
| 6- 1|si| 6| Tz | -36.0| 0.0| 0.0| 36.0|
| 6- 1|si| 9| Ty | -36.0| 0.0| 0.0| 36.0|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -287.8| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```

| 6- 1|          0.0|          0.0|          0.0| -275.0|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -37.6| 0.0| 0.0| 37.6|
| 6- 1|si| 6| Tz | -35.9| 0.0| 0.0| 35.9|
| 6- 1|si| 9| Ty | -35.9| 0.0| 0.0| 35.9|
-----
PROGR. 55.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -286.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -274.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -37.5| 0.0| 0.0| 37.5|
| 6- 1|si| 6| Tz | -35.8| 0.0| 0.0| 35.8|
| 6- 1|si| 9| Ty | -35.8| 0.0| 0.0| 35.8|
-----
PROGR. 66.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -286.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -273.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -37.4| 0.0| 0.0| 37.4|
| 6- 1|si| 6| Tz | -35.7| 0.0| 0.0| 35.7|
| 6- 1|si| 9| Ty | -35.7| 0.0| 0.0| 35.7|
-----
PROGR. 77.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -285.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -272.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -37.3| 0.0| 0.0| 37.3|
| 6- 1|si| 6| Tz | -35.6| 0.0| 0.0| 35.6|
| 6- 1|si| 9| Ty | -35.6| 0.0| 0.0| 35.6|
-----
PROGR. 88.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -284.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -271.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -37.1| 0.0| 0.0| 37.1|
| 6- 1|si| 6| Tz | -35.5| 0.0| 0.0| 35.5|
| 6- 1|si| 9| Ty | -35.5| 0.0| 0.0| 35.5|
-----

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -291.2|Mzeq = 0.0|Myeq = 0.0|Ss = -61.3 ( 0.023)

```

```

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 659- 643) 1092
-----
PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -319.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -302.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -41.7| 0.0| 0.0| 41.7|
| 6- 1|si| 5| Tz | -39.5| 0.0| 0.0| 39.5|
| 5- 1|si| 9| Ty | -41.7| 0.0| 0.0| 41.7|
-----
PROGR. 11.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -318.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -301.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -41.6| 0.0| 0.0| 41.6|
| 6- 1|si| 5| Tz | -39.3| 0.0| 0.0| 39.3|
| 5- 1|si| 9| Ty | -41.6| 0.0| 0.0| 41.6|
-----
PROGR. 22.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -317.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -300.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -41.5| 0.0| 0.0| 41.5|
| 6- 1|si| 5| Tz | -39.2| 0.0| 0.0| 39.2|
| 5- 1|si| 9| Ty | -41.5| 0.0| 0.0| 41.5|
-----
PROGR. 33.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -317.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -299.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -41.4| 0.0| 0.0| 41.4|
| 6- 1|si| 5| Tz | -39.1| 0.0| 0.0| 39.1|
| 5- 1|si| 9| Ty | -41.4| 0.0| 0.0| 41.4|
-----
PROGR. 44.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

```

Copertura area carburante - Relazione di calcolo

```

| 5- 1|      0.0|      0.0|      0.0| -316.2|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -298.7|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si | -41.3| 0.0| 0.0| 41.3|
| 6- 1|si| 5| Tz | | -39.0| 0.0| 0.0| 39.0|
| 5- 1|si| 9| Ty | | -41.3| 0.0| 0.0| 41.3|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -315.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -297.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si | -41.2| 0.0| 0.0| 41.2|
| 6- 1|si| 5| Tz | | -38.9| 0.0| 0.0| 38.9|
| 5- 1|si| 9| Ty | | -41.2| 0.0| 0.0| 41.2|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -314.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -297.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si | -41.1| 0.0| 0.0| 41.1|
| 6- 1|si| 5| Tz | | -38.8| 0.0| 0.0| 38.8|
| 5- 1|si| 9| Ty | | -41.1| 0.0| 0.0| 41.1|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -313.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -296.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si | -41.0| 0.0| 0.0| 41.0|
| 6- 1|si| 5| Tz | | -38.7| 0.0| 0.0| 38.7|
| 5- 1|si| 9| Ty | | -41.0| 0.0| 0.0| 41.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -312.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -295.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si | -40.9| 0.0| 0.0| 40.9|
| 6- 1|si| 5| Tz | | -38.6| 0.0| 0.0| 38.6|
| 5- 1|si| 9| Ty | | -40.9| 0.0| 0.0| 40.9|
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -319.6|Mzeq = 0.0|Myeq = 0.0|Ss = -67.2 ( 0.026)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 694- 678) 1157
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -351.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -344.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si | -45.9| 0.0| 0.0| 45.9|
| 6- 1|si| 6| Tz | | -45.0| 0.0| 0.0| 45.0|
| 6- 1|si| 9| Ty | | -45.0| 0.0| 0.0| 45.0|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -350.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -343.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si | -45.8| 0.0| 0.0| 45.8|
| 6- 1|si| 6| Tz | | -44.8| 0.0| 0.0| 44.8|
| 6- 1|si| 9| Ty | | -44.8| 0.0| 0.0| 44.8|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -349.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -342.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si | -45.7| 0.0| 0.0| 45.7|
| 6- 1|si| 6| Tz | | -44.7| 0.0| 0.0| 44.7|
| 6- 1|si| 9| Ty | | -44.7| 0.0| 0.0| 44.7|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -349.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -341.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si | -45.6| 0.0| 0.0| 45.6|
| 6- 1|si| 6| Tz | | -44.6| 0.0| 0.0| 44.6|
| 6- 1|si| 9| Ty | | -44.6| 0.0| 0.0| 44.6|
-----
PROGR. 44.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-348.2	0.0	0.0
6- 1	0.0	0.0	0.0	-340.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	-45.5	0.0	0.0	45.5
6- 1	si	6	Tz		-44.5	0.0	0.0	44.5
6- 1	si	9	Ty		-44.5	0.0	0.0	44.5

PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-347.3	0.0	0.0
6- 1	0.0	0.0	0.0	-339.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	-45.4	0.0	0.0	45.4
6- 1	si	6	Tz		-44.4	0.0	0.0	44.4
6- 1	si	9	Ty		-44.4	0.0	0.0	44.4

PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-346.4	0.0	0.0
6- 1	0.0	0.0	0.0	-339.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	-45.3	0.0	0.0	45.3
6- 1	si	6	Tz		-44.3	0.0	0.0	44.3
6- 1	si	9	Ty		-44.3	0.0	0.0	44.3

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-345.6	0.0	0.0
6- 1	0.0	0.0	0.0	-338.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	-45.1	0.0	0.0	45.1
6- 1	si	6	Tz		-44.2	0.0	0.0	44.2
6- 1	si	9	Ty		-44.2	0.0	0.0	44.2

PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-344.7	0.0	0.0
6- 1	0.0	0.0	0.0	-337.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	-45.0	0.0	0.0	45.0
6- 1	si	6	Tz		-44.1	0.0	0.0	44.1
6- 1	si	9	Ty		-44.1	0.0	0.0	44.1

VERIFICA STABILITA` :

L0 = 88. |
 Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
 Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
 Caso 5- 1 - Nodo 4 - Asse Y
 Ned = -351.6 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -73.9 (0.028)

P_IPE80_S008 (8) stato limite ultimo - ASTA (695- 679) 1158
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-386.6	0.0	0.0
6- 1	0.0	0.0	0.0	-373.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-50.5	0.0	0.0	50.5
6- 1	si	5	Tz		-48.7	0.0	0.0	48.7
5- 1	si	9	Ty		-50.5	0.0	0.0	50.5

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-385.7	0.0	0.0
6- 1	0.0	0.0	0.0	-372.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-50.4	0.0	0.0	50.4
6- 1	si	5	Tz		-48.6	0.0	0.0	48.6
5- 1	si	9	Ty		-50.4	0.0	0.0	50.4

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-384.9	0.0	0.0
6- 1	0.0	0.0	0.0	-371.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-50.3	0.0	0.0	50.3
6- 1	si	5	Tz		-48.5	0.0	0.0	48.5
5- 1	si	9	Ty		-50.3	0.0	0.0	50.3

PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-384.0	0.0	0.0
6- 1	0.0	0.0	0.0	-370.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-50.2	0.0	0.0	50.2
6- 1	si	5	Tz		-48.4	0.0	0.0	48.4
5- 1	si	9	Ty		-50.2	0.0	0.0	50.2

PROGR. 44.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -383.2 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -369.6 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -50.0 |      0.0 |      0.0 |      50.0 |
| 6- 1|si| 5|  Tz | -48.3 |      0.0 |      0.0 |      48.3 |
| 5- 1|si| 9|  Ty | -50.0 |      0.0 |      0.0 |      50.0 |
----- PROGR.      55.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -382.3 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -368.7 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -49.9 |      0.0 |      0.0 |      49.9 |
| 6- 1|si| 5|  Tz | -48.2 |      0.0 |      0.0 |      48.2 |
| 5- 1|si| 9|  Ty | -49.9 |      0.0 |      0.0 |      49.9 |
----- PROGR.      66.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -381.5 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -367.9 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -49.8 |      0.0 |      0.0 |      49.8 |
| 6- 1|si| 5|  Tz | -48.1 |      0.0 |      0.0 |      48.1 |
| 5- 1|si| 9|  Ty | -49.8 |      0.0 |      0.0 |      49.8 |
----- PROGR.      77.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -380.6 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -367.0 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -49.7 |      0.0 |      0.0 |      49.7 |
| 6- 1|si| 5|  Tz | -47.9 |      0.0 |      0.0 |      47.9 |
| 5- 1|si| 9|  Ty | -49.7 |      0.0 |      0.0 |      49.7 |
----- PROGR.      88.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -379.8 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -366.2 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -49.6 |      0.0 |      0.0 |      49.6 |
| 6- 1|si| 5|  Tz | -47.8 |      0.0 |      0.0 |      47.8 |
| 5- 1|si| 9|  Ty | -49.6 |      0.0 |      0.0 |      49.6 |
----- PROGR.      88.

VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a )=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b )=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -386.6 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -81.3 ( 0.031)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 747- 723) 1255
----- PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -356.6 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -353.1 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -46.6 |      0.0 |      0.0 |      46.6 |
| 6- 1|si| 6|  Tz | -46.1 |      0.0 |      0.0 |      46.1 |
| 5- 1|si| 9|  Ty | -46.6 |      0.0 |      0.0 |      46.6 |
----- PROGR.      11.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -355.7 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -352.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si| -46.5 |      0.0 |      0.0 |      46.5 |
| 6- 1|si| 6|  Tz | -46.0 |      0.0 |      0.0 |      46.0 |
| 5- 1|si| 9|  Ty | -46.5 |      0.0 |      0.0 |      46.5 |
----- PROGR.      22.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -354.8 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -351.4 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si| -46.3 |      0.0 |      0.0 |      46.3 |
| 6- 1|si| 6|  Tz | -45.9 |      0.0 |      0.0 |      45.9 |
| 5- 1|si| 9|  Ty | -46.3 |      0.0 |      0.0 |      46.3 |
----- PROGR.      33.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -354.0 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -350.5 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si| -46.2 |      0.0 |      0.0 |      46.2 |
| 6- 1|si| 6|  Tz | -45.8 |      0.0 |      0.0 |      45.8 |
| 5- 1|si| 9|  Ty | -46.2 |      0.0 |      0.0 |      46.2 |
----- PROGR.      33.

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Copertura area carburante - Relazione di calcolo

-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-353.1 |	0.0 |	0.0 |		
| 6- 1 |	0.0 |	0.0 |	0.0 |	-349.7 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 4 |	Sx Si |	-46.1 |	0.0 |	0.0 |	46.1 |		
| 6- 1 |	|si| 6 |	Tz |	-45.7 |	0.0 |	0.0 |	45.7 |		
| 5- 1 |	|si| 9 |	Ty |	-46.1 |	0.0 |	0.0 |	46.1 |		
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-352.3 |	0.0 |	0.0 |		
| 6- 1 |	0.0 |	0.0 |	0.0 |	-348.8 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 4 |	Sx Si |	-46.0 |	0.0 |	0.0 |	46.0 |		
| 6- 1 |	|si| 6 |	Tz |	-45.6 |	0.0 |	0.0 |	45.6 |		
| 5- 1 |	|si| 9 |	Ty |	-46.0 |	0.0 |	0.0 |	46.0 |		
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-351.4 |	0.0 |	0.0 |		
| 6- 1 |	0.0 |	0.0 |	0.0 |	-348.0 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 4 |	Sx Si |	-45.9 |	0.0 |	0.0 |	45.9 |		
| 6- 1 |	|si| 6 |	Tz |	-45.5 |	0.0 |	0.0 |	45.5 |		
| 5- 1 |	|si| 9 |	Ty |	-45.9 |	0.0 |	0.0 |	45.9 |		
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-350.6 |	0.0 |	0.0 |		
| 6- 1 |	0.0 |	0.0 |	0.0 |	-347.1 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 4 |	Sx Si |	-45.8 |	0.0 |	0.0 |	45.8 |		
| 6- 1 |	|si| 6 |	Tz |	-45.3 |	0.0 |	0.0 |	45.3 |		
| 5- 1 |	|si| 9 |	Ty |	-45.8 |	0.0 |	0.0 |	45.8 |		
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-349.7 |	0.0 |	0.0 |		
| 6- 1 |	0.0 |	0.0 |	0.0 |	-346.3 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 4 |	Sx Si |	-45.7 |	0.0 |	0.0 |	45.7 |		
| 6- 1 |	|si| 6 |	Tz |	-45.2 |	0.0 |	0.0 |	45.2 |		
| 5- 1 |	|si| 9 |	Ty |	-45.7 |	0.0 |	0.0 |	45.7 |		
-----							PROGR.	88.
VERIFICA STABILITA` :								
|L0 = 88. |								
Z	|Lc = 88. |	Ro = 3.24 |	lm = 27.2 |	Ncr= 214856.6 |	alfa(a)=0.2100 |	ki=0.9744 |		
Y	|Lc = 88. |	Ro = 1.05 |	lm = 83.6 |	Ncr= 22725.8 |	alfa(b)=0.3400 |	ki=0.6209 |		
Caso 5- 1 - Nodo 4 - Asse Y								
Ned = -356.6 | Mzeq = 0.0 | Myeq = 0.0 | Ss = -75.0 (0.029)								
P_IPE80_S008 (8) ----- stato limite ultimo - ASTA (748- 724)							1256	
							0.	
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-426.1 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 1 |	Sx Si |	-55.7 |	0.0 |	0.0 |	55.7 |		
| 5- 1 |	|si| 6 |	Tz |	-55.7 |	0.0 |	0.0 |	55.7 |		
| 5- 1 |	|si| 9 |	Ty |	-55.7 |	0.0 |	0.0 |	55.7 |		
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-425.3 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 4 |	Sx Si |	-55.5 |	0.0 |	0.0 |	55.5 |		
| 5- 1 |	|si| 6 |	Tz |	-55.5 |	0.0 |	0.0 |	55.5 |		
| 5- 1 |	|si| 9 |	Ty |	-55.5 |	0.0 |	0.0 |	55.5 |		
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-424.4 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 4 |	Sx Si |	-55.4 |	0.0 |	0.0 |	55.4 |		
| 5- 1 |	|si| 6 |	Tz |	-55.4 |	0.0 |	0.0 |	55.4 |		
| 5- 1 |	|si| 9 |	Ty |	-55.4 |	0.0 |	0.0 |	55.4 |		
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1 |	0.0 |	0.0 |	0.0 |	-423.6 |	0.0 |	0.0 |		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1 |	|si| 4 |	Sx Si |	-55.3 |	0.0 |	0.0 |	55.3 |		
| 5- 1 |	|si| 6 |	Tz |	-55.3 |	0.0 |	0.0 |	55.3 |		
| 5- 1 |	|si| 9 |	Ty |	-55.3 |	0.0 |	0.0 |	55.3 |		
-----							PROGR.	44.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		

Copertura area carburante - Relazione di calcolo

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| 5- 1|      0.0|      0.0|      0.0| -422.7|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -55.2| 0.0| 0.0| 55.2|
| 5- 1|si| 6| Tz | -55.2| 0.0| 0.0| 55.2|
| 5- 1|si| 9| Ty | -55.2| 0.0| 0.0| 55.2|
----- PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -421.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -55.1| 0.0| 0.0| 55.1|
| 5- 1|si| 6| Tz | -55.1| 0.0| 0.0| 55.1|
| 5- 1|si| 9| Ty | -55.1| 0.0| 0.0| 55.1|
----- PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -421.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -55.0| 0.0| 0.0| 55.0|
| 5- 1|si| 6| Tz | -55.0| 0.0| 0.0| 55.0|
| 5- 1|si| 9| Ty | -55.0| 0.0| 0.0| 55.0|
----- PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -420.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -54.9| 0.0| 0.0| 54.9|
| 5- 1|si| 6| Tz | -54.9| 0.0| 0.0| 54.9|
| 5- 1|si| 9| Ty | -54.9| 0.0| 0.0| 54.9|
----- PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -419.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -54.8| 0.0| 0.0| 54.8|
| 5- 1|si| 6| Tz | -54.8| 0.0| 0.0| 54.8|
| 5- 1|si| 9| Ty | -54.8| 0.0| 0.0| 54.8|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -426.1|Mzeq = 0.0|Myeq = 0.0|Ss = -89.6 ( 0.034)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 749- 725) 1257
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -388.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -50.7| 0.0| 0.0| 50.7|
| 5- 1|si| 5| Tz | -50.7| 0.0| 0.0| 50.7|
| 5- 1|si| 9| Ty | -50.7| 0.0| 0.0| 50.7|
----- PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -387.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -50.6| 0.0| 0.0| 50.6|
| 5- 1|si| 5| Tz | -50.6| 0.0| 0.0| 50.6|
| 5- 1|si| 9| Ty | -50.6| 0.0| 0.0| 50.6|
----- PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -386.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -50.5| 0.0| 0.0| 50.5|
| 5- 1|si| 5| Tz | -50.5| 0.0| 0.0| 50.5|
| 5- 1|si| 9| Ty | -50.5| 0.0| 0.0| 50.5|
----- PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -385.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -50.4| 0.0| 0.0| 50.4|
| 5- 1|si| 5| Tz | -50.4| 0.0| 0.0| 50.4|
| 5- 1|si| 9| Ty | -50.4| 0.0| 0.0| 50.4|
----- PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -385.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -50.3| 0.0| 0.0| 50.3|
| 5- 1|si| 5| Tz | -50.3| 0.0| 0.0| 50.3|
| 5- 1|si| 9| Ty | -50.3| 0.0| 0.0| 50.3|
----- PROGR. 55.
SOLLECITAZIONI :

```

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-384.2|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|	Sx	Si	-50.2|	0.0|	0.0|	50.2|
5- 1|si| 5|	Tz		-50.2|	0.0|	0.0|	50.2|
5- 1|si| 9|	Ty		-50.2|	0.0|	0.0|	50.2|
----- PROGR.						66.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-383.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|	Sx	Si	-50.1|	0.0|	0.0|	50.1|
5- 1|si| 5|	Tz		-50.1|	0.0|	0.0|	50.1|
5- 1|si| 9|	Ty		-50.1|	0.0|	0.0|	50.1|
----- PROGR.						77.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-382.5|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|	Sx	Si	-50.0|	0.0|	0.0|	50.0|
5- 1|si| 5|	Tz		-50.0|	0.0|	0.0|	50.0|
5- 1|si| 9|	Ty		-50.0|	0.0|	0.0|	50.0|
----- PROGR.						88.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-381.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|	Sx	Si	-49.8|	0.0|	0.0|	49.8|
5- 1|si| 5|	Tz		-49.8|	0.0|	0.0|	49.8|
5- 1|si| 9|	Ty		-49.8|	0.0|	0.0|	49.8|

VERIFICA STABILITA` :						
L0 =	88. |					
Z |Lc =	88. |Ro =	3.24|lm =			27.2|Ncr=	
					214856.6|alfa(a)=0.2100|ki=0.9744|	
Y |Lc =	88. |Ro =	1.05|lm =			83.6|Ncr=	
					22725.8|alfa(b)=0.3400|ki=0.6209|	
Caso 5- 1 - Nodo 1 - Asse Y						
Ned =	-388.4|Mzeq =					
		0.0|Myeq =			0.0|Ss =	
					-81.7 (0.031)	
P_IPE80_S008 (8)	stato limite ultimo - ASTA (750-			751)		1507
----- PROGR.						0.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-1366.6|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-1350.3|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|	Sx	Si	-178.5|	0.0|	0.0|	178.5|
6- 1|si| 6|	Tz		-176.4|	0.0|	0.0|	176.4|
6- 1|si| 9|	Ty		-176.4|	0.0|	0.0|	176.4|
----- PROGR.						11.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-1365.7|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-1349.4|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si	-178.4|	0.0|	0.0|	178.4|
6- 1|si| 6|	Tz		-176.3|	0.0|	0.0|	176.3|
6- 1|si| 9|	Ty		-176.3|	0.0|	0.0|	176.3|
----- PROGR.						22.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-1364.9|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-1348.6|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si	-178.3|	0.0|	0.0|	178.3|
6- 1|si| 6|	Tz		-176.1|	0.0|	0.0|	176.1|
6- 1|si| 9|	Ty		-176.1|	0.0|	0.0|	176.1|
----- PROGR.						33.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-1364.0|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-1347.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si	-178.2|	0.0|	0.0|	178.2|
6- 1|si| 6|	Tz		-176.0|	0.0|	0.0|	176.0|
6- 1|si| 9|	Ty		-176.0|	0.0|	0.0|	176.0|
----- PROGR.						44.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-1363.2|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-1346.9|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si	-178.0|	0.0|	0.0|	178.0|
6- 1|si| 6|	Tz		-175.9|	0.0|	0.0|	175.9|
6- 1|si| 9|	Ty		-175.9|	0.0|	0.0|	175.9|
----- PROGR.						55.
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-1362.3|	0.0|	0.0|
6- 1|	0.0|	0.0|	0.0|	-1346.0|	0.0|	0.0|

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx |Si| -177.9| 0.0| 0.0| 177.9|
| 6- 1| |si| 6| Tz | -175.8| 0.0| 0.0| 175.8|
| 6- 1| |si| 9| Ty | -175.8| 0.0| 0.0| 175.8|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1361.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1345.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx |Si| -177.8| 0.0| 0.0| 177.8|
| 6- 1| |si| 6| Tz | -175.7| 0.0| 0.0| 175.7|
| 6- 1| |si| 9| Ty | -175.7| 0.0| 0.0| 175.7|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1360.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1344.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx |Si| -177.7| 0.0| 0.0| 177.7|
| 6- 1| |si| 6| Tz | -175.6| 0.0| 0.0| 175.6|
| 6- 1| |si| 9| Ty | -175.6| 0.0| 0.0| 175.6|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1359.8| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1343.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx |Si| -177.6| 0.0| 0.0| 177.6|
| 6- 1| |si| 6| Tz | -175.5| 0.0| 0.0| 175.5|
| 6- 1| |si| 9| Ty | -175.5| 0.0| 0.0| 175.5|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -1366.6|Mzeq = 0.0|Myeq = 0.0|Ss = -287.5 ( 0.110)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 752- 753) 1508
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1445.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1442.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 6- 1| |si| 1|Sx |Si| -188.8| 0.0| 0.0| 188.8|
| 5- 1| |si| 6| Tz | -188.4| 0.0| 0.0| 188.4|
| 6- 1| |si| 9| Ty | -188.8| 0.0| 0.0| 188.8|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1444.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1441.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 6- 1| |si| 4|Sx |Si| -188.7| 0.0| 0.0| 188.7|
| 5- 1| |si| 6| Tz | -188.3| 0.0| 0.0| 188.3|
| 6- 1| |si| 9| Ty | -188.7| 0.0| 0.0| 188.7|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1443.7| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1440.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 6- 1| |si| 4|Sx |Si| -188.6| 0.0| 0.0| 188.6|
| 5- 1| |si| 6| Tz | -188.2| 0.0| 0.0| 188.2|
| 6- 1| |si| 9| Ty | -188.6| 0.0| 0.0| 188.6|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1442.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1440.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 6- 1| |si| 4|Sx |Si| -188.5| 0.0| 0.0| 188.5|
| 5- 1| |si| 6| Tz | -188.1| 0.0| 0.0| 188.1|
| 6- 1| |si| 9| Ty | -188.5| 0.0| 0.0| 188.5|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1442.0| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1439.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 6- 1| |si| 4|Sx |Si| -188.3| 0.0| 0.0| 188.3|
| 5- 1| |si| 6| Tz | -188.0| 0.0| 0.0| 188.0|
| 6- 1| |si| 9| Ty | -188.3| 0.0| 0.0| 188.3|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1441.2| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```
| 5- 1|                0.0| 0.0| 0.0| -1438.4| 0.0| 0.0|  
TENSIONI (Sz= 0.00) :
```

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 6- 1|si| 4|Sx Si| -188.2| 0.0| 0.0| 188.2|  
| 5- 1|si| 6| Tz | -187.9| 0.0| 0.0| 187.9|  
| 6- 1|si| 9| Ty | -188.2| 0.0| 0.0| 188.2|  
-----  
PROGR. 66.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |  
| 6- 1| 0.0| 0.0| 0.0| -1440.3| 0.0| 0.0|  
| 5- 1| 0.0| 0.0| 0.0| -1437.5| 0.0| 0.0|
```

TENSIONI (Sz= 0.00) :

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 6- 1|si| 4|Sx Si| -188.1| 0.0| 0.0| 188.1|  
| 5- 1|si| 6| Tz | -187.8| 0.0| 0.0| 187.8|  
| 6- 1|si| 9| Ty | -188.1| 0.0| 0.0| 188.1|  
-----  
PROGR. 77.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |  
| 6- 1| 0.0| 0.0| 0.0| -1439.5| 0.0| 0.0|  
| 5- 1| 0.0| 0.0| 0.0| -1436.7| 0.0| 0.0|
```

TENSIONI (Sz= 0.00) :

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 6- 1|si| 4|Sx Si| -188.0| 0.0| 0.0| 188.0|  
| 5- 1|si| 6| Tz | -187.6| 0.0| 0.0| 187.6|  
| 6- 1|si| 9| Ty | -188.0| 0.0| 0.0| 188.0|  
-----  
PROGR. 88.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |  
| 6- 1| 0.0| 0.0| 0.0| -1438.6| 0.0| 0.0|  
| 5- 1| 0.0| 0.0| 0.0| -1435.8| 0.0| 0.0|
```

TENSIONI (Sz= 0.00) :

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 6- 1|si| 4|Sx Si| -187.9| 0.0| 0.0| 187.9|  
| 5- 1|si| 6| Tz | -187.5| 0.0| 0.0| 187.5|  
| 6- 1|si| 9| Ty | -187.9| 0.0| 0.0| 187.9|  
-----  
PROGR.
```

VERIFICA STABILITA` :

```
l0 = 88.1  
Z lC = 88.1Ro = 3.24l m = 27.2lNcr= 214856.6lalfa(a)=0.2100lki=0.9744l  
Y lC = 88.1Ro = 1.05l m = 83.6lNcr= 22725.8lalfa(b)=0.3400lki=0.6209l  
Caso 6- 1 - Nodo 4 - Asse Y  
Ned = -1445.4lMzeq = 0.0lMyeq = 0.0lSs = -304.0 ( 0.116)
```

```
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 754- 755) 1509  
-----  
PROGR. 0.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |  
| 5- 1| 0.0| 0.0| 0.0| -1447.4| 0.0| 0.0|  
| 6- 1| 0.0| 0.0| 0.0| -1426.5| 0.0| 0.0|
```

TENSIONI (Sz= 0.00) :

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 5- 1|si| 1|Sx Si| -189.1| 0.0| 0.0| 189.1|  
| 6- 1|si| 5| Tz | -186.3| 0.0| 0.0| 186.3|  
| 6- 1|si| 9| Ty | -186.3| 0.0| 0.0| 186.3|  
-----  
PROGR. 11.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |  
| 5- 1| 0.0| 0.0| 0.0| -1446.6| 0.0| 0.0|  
| 6- 1| 0.0| 0.0| 0.0| -1425.6| 0.0| 0.0|
```

TENSIONI (Sz= 0.00) :

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 5- 1|si| 1|Sx Si| -188.9| 0.0| 0.0| 188.9|  
| 6- 1|si| 5| Tz | -186.2| 0.0| 0.0| 186.2|  
| 6- 1|si| 9| Ty | -186.2| 0.0| 0.0| 186.2|  
-----  
PROGR. 22.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |  
| 5- 1| 0.0| 0.0| 0.0| -1445.7| 0.0| 0.0|  
| 6- 1| 0.0| 0.0| 0.0| -1424.8| 0.0| 0.0|
```

TENSIONI (Sz= 0.00) :

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 5- 1|si| 1|Sx Si| -188.8| 0.0| 0.0| 188.8|  
| 6- 1|si| 5| Tz | -186.1| 0.0| 0.0| 186.1|  
| 6- 1|si| 9| Ty | -186.1| 0.0| 0.0| 186.1|  
-----  
PROGR. 33.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |  
| 5- 1| 0.0| 0.0| 0.0| -1444.9| 0.0| 0.0|  
| 6- 1| 0.0| 0.0| 0.0| -1423.9| 0.0| 0.0|
```

TENSIONI (Sz= 0.00) :

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 5- 1|si| 1|Sx Si| -188.7| 0.0| 0.0| 188.7|  
| 6- 1|si| 5| Tz | -186.0| 0.0| 0.0| 186.0|  
| 6- 1|si| 9| Ty | -186.0| 0.0| 0.0| 186.0|  
-----  
PROGR. 44.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |  
| 5- 1| 0.0| 0.0| 0.0| -1444.0| 0.0| 0.0|  
| 6- 1| 0.0| 0.0| 0.0| -1423.1| 0.0| 0.0|
```

TENSIONI (Sz= 0.00) :

```
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |  
| 5- 1|si| 1|Sx Si| -188.6| 0.0| 0.0| 188.6|  
| 6- 1|si| 5| Tz | -185.9| 0.0| 0.0| 185.9|  
| 6- 1|si| 9| Ty | -185.9| 0.0| 0.0| 185.9|  
-----  
PROGR. 55.
```

SOLLECITAZIONI :

```
| Caso | MZ | MY | MT | N | TZ | TY |
```

Copertura area carburante - Relazione di calcolo

```

| 5- 1|      0.0|      0.0|      0.0| -1443.2|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1422.2|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -188.5|      0.0|      0.0| 188.5|
| 6- 1|si| 5|  Tz | -185.8|      0.0|      0.0| 185.8|
| 6- 1|si| 9|   Ty | -185.8|      0.0|      0.0| 185.8|
-----
PROGR.          66.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -1442.3|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1421.4|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -188.4|      0.0|      0.0| 188.4|
| 6- 1|si| 5|  Tz | -185.6|      0.0|      0.0| 185.6|
| 6- 1|si| 9|   Ty | -185.6|      0.0|      0.0| 185.6|
-----
PROGR.          77.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -1441.5|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1420.5|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -188.3|      0.0|      0.0| 188.3|
| 6- 1|si| 5|  Tz | -185.5|      0.0|      0.0| 185.5|
| 6- 1|si| 9|   Ty | -185.5|      0.0|      0.0| 185.5|
-----
PROGR.          88.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -1440.6|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1419.7|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -188.2|      0.0|      0.0| 188.2|
| 6- 1|si| 5|  Tz | -185.4|      0.0|      0.0| 185.4|
| 6- 1|si| 9|   Ty | -185.4|      0.0|      0.0| 185.4|
-----
VERIFICA STABILITA` :
|LO = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1447.4|Mzeq = 0.0|Myeq = 0.0|Ss = -304.5 ( 0.116)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 756- 757) 1510
-----
PROGR.          0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -1720.8|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1711.6|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -224.8|      0.0|      0.0| 224.8|
| 6- 1|si| 5|  Tz | -223.6|      0.0|      0.0| 223.6|
| 5- 1|si| 9|   Ty | -224.8|      0.0|      0.0| 224.8|
-----
PROGR.          11.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -1719.9|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1710.7|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -224.6|      0.0|      0.0| 224.6|
| 6- 1|si| 5|  Tz | -223.4|      0.0|      0.0| 223.4|
| 5- 1|si| 9|   Ty | -224.6|      0.0|      0.0| 224.6|
-----
PROGR.          22.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -1719.1|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1709.9|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -224.5|      0.0|      0.0| 224.5|
| 6- 1|si| 5|  Tz | -223.3|      0.0|      0.0| 223.3|
| 5- 1|si| 9|   Ty | -224.5|      0.0|      0.0| 224.5|
-----
PROGR.          33.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -1718.2|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1709.0|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -224.4|      0.0|      0.0| 224.4|
| 6- 1|si| 5|  Tz | -223.2|      0.0|      0.0| 223.2|
| 5- 1|si| 9|   Ty | -224.4|      0.0|      0.0| 224.4|
-----
PROGR.          44.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0| -1717.4|      0.0|      0.0|
| 6- 1|      0.0|      0.0|      0.0| -1708.2|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -224.3|      0.0|      0.0| 224.3|
| 6- 1|si| 5|  Tz | -223.1|      0.0|      0.0| 223.1|
| 5- 1|si| 9|   Ty | -224.3|      0.0|      0.0| 224.3|
-----
PROGR.          55.
SOLLECITAZIONI :

```

Copertura area carburante - Relazione di calcolo

```

| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1716.5|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1707.3|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 1|Sx |Si|        -224.2|          0.0|          0.0|        224.2|
| 6- 1|si| 5| Tz |          -223.0|          0.0|          0.0|        223.0|
| 5- 1|si| 9| Ty |          -224.2|          0.0|          0.0|        224.2|
-----
SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1715.7|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1706.5|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 1|Sx |Si|        -224.1|          0.0|          0.0|        224.1|
| 6- 1|si| 5| Tz |          -222.9|          0.0|          0.0|        222.9|
| 5- 1|si| 9| Ty |          -224.1|          0.0|          0.0|        224.1|
-----
SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1714.8|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1705.6|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 1|Sx |Si|        -224.0|          0.0|          0.0|        224.0|
| 6- 1|si| 5| Tz |          -222.8|          0.0|          0.0|        222.8|
| 5- 1|si| 9| Ty |          -224.0|          0.0|          0.0|        224.0|
-----
SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1713.9|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1704.8|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 1|Sx |Si|        -223.9|          0.0|          0.0|        223.9|
| 6- 1|si| 5| Tz |          -222.7|          0.0|          0.0|        222.7|
| 5- 1|si| 9| Ty |          -223.9|          0.0|          0.0|        223.9|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24 |lm = 27.2 |Ncr= 214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc = 88. |Ro = 1.05 |lm = 83.6 |Ncr= 22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1720.8 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -362.0 ( 0.138)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 758- 759) 1511
-----
SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1720.5|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1695.4|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 1|Sx |Si|        -224.7|          0.0|          0.0|        224.7|
| 6- 1|si| 6| Tz |          -221.4|          0.0|          0.0|        221.4|
| 6- 1|si| 9| Ty |          -221.4|          0.0|          0.0|        221.4|
-----
SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1719.7|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1694.6|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 4|Sx |Si|        -224.6|          0.0|          0.0|        224.6|
| 6- 1|si| 6| Tz |          -221.3|          0.0|          0.0|        221.3|
| 6- 1|si| 9| Ty |          -221.3|          0.0|          0.0|        221.3|
-----
SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1718.8|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1693.7|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 4|Sx |Si|        -224.5|          0.0|          0.0|        224.5|
| 6- 1|si| 6| Tz |          -221.2|          0.0|          0.0|        221.2|
| 6- 1|si| 9| Ty |          -221.2|          0.0|          0.0|        221.2|
-----
SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1718.0|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1692.9|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 4|Sx |Si|        -224.4|          0.0|          0.0|        224.4|
| 6- 1|si| 6| Tz |          -221.1|          0.0|          0.0|        221.1|
| 6- 1|si| 9| Ty |          -221.1|          0.0|          0.0|        221.1|
-----
SOLLECITAZIONI :
| Caso |          MZ |          MY |          MT |          N |          TZ |          TY |
| 5- 1|          0.0|          0.0|          0.0|        -1717.1|          0.0|          0.0|
| 6- 1|          0.0|          0.0|          0.0|        -1692.0|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |          Sx |          Tz |          Ty |          Si | |
| 5- 1|si| 4|Sx |Si|        -224.3|          0.0|          0.0|        224.3|
| 6- 1|si| 6| Tz |          -221.0|          0.0|          0.0|        221.0|
| 6- 1|si| 9| Ty |          -221.0|          0.0|          0.0|        221.0|
-----

```

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1716.3 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1691.2 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -224.2 |      0.0 |      0.0 | 224.2 |
| 6- 1|si| 6|  Tz |      -220.9 |      0.0 |      0.0 | 220.9 |
| 6- 1|si| 9|  Ty |      -220.9 |      0.0 |      0.0 | 220.9 |
-----
PROGR.      66.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1715.4 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1690.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -224.1 |      0.0 |      0.0 | 224.1 |
| 6- 1|si| 6|  Tz |      -220.8 |      0.0 |      0.0 | 220.8 |
| 6- 1|si| 9|  Ty |      -220.8 |      0.0 |      0.0 | 220.8 |
-----
PROGR.      77.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1714.6 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1689.5 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -223.9 |      0.0 |      0.0 | 223.9 |
| 6- 1|si| 6|  Tz |      -220.7 |      0.0 |      0.0 | 220.7 |
| 6- 1|si| 9|  Ty |      -220.7 |      0.0 |      0.0 | 220.7 |
-----
PROGR.      88.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1713.7 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1688.6 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -223.8 |      0.0 |      0.0 | 223.8 |
| 6- 1|si| 6|  Tz |      -220.6 |      0.0 |      0.0 | 220.6 |
| 6- 1|si| 9|  Ty |      -220.6 |      0.0 |      0.0 | 220.6 |
-----
PROGR.      88.

VERIFICA STABILITA` :

|L0 =      88. |
Z |Lc =      88. |Ro =      3.24 |lm =      27.2 |Ncr=      214856.6 |alfa(a )=0.2100 |ki=0.9744 |
Y |Lc =      88. |Ro =      1.05 |lm =      83.6 |Ncr=      22725.8 |alfa(b )=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 4 - Asse Y
Ned =      -1720.5 |Mzeq =      0.0 |Myeq =      0.0 |Ss =      -361.9 ( 0.138)

P_IPE80_s008 ( 8) ----- stato limite ultimo - ASTA ( 760- 761) 1512
-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1356.8 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx | Si | -177.2 |      0.0 |      0.0 | 177.2 |
| 5- 1|si| 6|  Tz |      -177.2 |      0.0 |      0.0 | 177.2 |
| 5- 1|si| 9|  Ty |      -177.2 |      0.0 |      0.0 | 177.2 |
-----
PROGR.      11.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1355.9 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -177.1 |      0.0 |      0.0 | 177.1 |
| 5- 1|si| 6|  Tz |      -177.1 |      0.0 |      0.0 | 177.1 |
| 5- 1|si| 9|  Ty |      -177.1 |      0.0 |      0.0 | 177.1 |
-----
PROGR.      22.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1355.1 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -177.0 |      0.0 |      0.0 | 177.0 |
| 5- 1|si| 6|  Tz |      -177.0 |      0.0 |      0.0 | 177.0 |
| 5- 1|si| 9|  Ty |      -177.0 |      0.0 |      0.0 | 177.0 |
-----
PROGR.      33.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1354.2 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -176.9 |      0.0 |      0.0 | 176.9 |
| 5- 1|si| 6|  Tz |      -176.9 |      0.0 |      0.0 | 176.9 |
| 5- 1|si| 9|  Ty |      -176.9 |      0.0 |      0.0 | 176.9 |
-----
PROGR.      44.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1353.4 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -176.8 |      0.0 |      0.0 | 176.8 |
| 5- 1|si| 6|  Tz |      -176.8 |      0.0 |      0.0 | 176.8 |
| 5- 1|si| 9|  Ty |      -176.8 |      0.0 |      0.0 | 176.8 |
-----
PROGR.      55.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1352.5 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :

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Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| -176.7| 0.0| 0.0| 176.7|
| 5- 1|si| 6| Tz | -176.7| 0.0| 0.0| 176.7|
| 5- 1|si| 9| Ty | -176.7| 0.0| 0.0| 176.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1351.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| -176.5| 0.0| 0.0| 176.5|
| 5- 1|si| 6| Tz | -176.5| 0.0| 0.0| 176.5|
| 5- 1|si| 9| Ty | -176.5| 0.0| 0.0| 176.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1350.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| -176.4| 0.0| 0.0| 176.4|
| 5- 1|si| 6| Tz | -176.4| 0.0| 0.0| 176.4|
| 5- 1|si| 9| Ty | -176.4| 0.0| 0.0| 176.4|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1349.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| -176.3| 0.0| 0.0| 176.3|
| 5- 1|si| 6| Tz | -176.3| 0.0| 0.0| 176.3|
| 5- 1|si| 9| Ty | -176.3| 0.0| 0.0| 176.3|
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -1356.8|Mzeq = 0.0|Myeq = 0.0|Ss = -285.4 ( 0.109)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 762- 763) 1513
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1425.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1386.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -186.1| 0.0| 0.0| 186.1|
| 6- 1|si| 5| Tz | -181.1| 0.0| 0.0| 181.1|
| 6- 1|si| 9| Ty | -181.1| 0.0| 0.0| 181.1|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1424.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1385.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -186.0| 0.0| 0.0| 186.0|
| 6- 1|si| 5| Tz | -181.0| 0.0| 0.0| 181.0|
| 6- 1|si| 9| Ty | -181.0| 0.0| 0.0| 181.0|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1423.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1385.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -185.9| 0.0| 0.0| 185.9|
| 6- 1|si| 5| Tz | -180.9| 0.0| 0.0| 180.9|
| 6- 1|si| 9| Ty | -180.9| 0.0| 0.0| 180.9|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1422.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1384.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -185.8| 0.0| 0.0| 185.8|
| 6- 1|si| 5| Tz | -180.8| 0.0| 0.0| 180.8|
| 6- 1|si| 9| Ty | -180.8| 0.0| 0.0| 180.8|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1421.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1383.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -185.7| 0.0| 0.0| 185.7|
| 6- 1|si| 5| Tz | -180.7| 0.0| 0.0| 180.7|
| 6- 1|si| 9| Ty | -180.7| 0.0| 0.0| 180.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1420.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1382.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -185.6| 0.0| 0.0| 185.6|

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Copertura area carburante - Relazione di calcolo

6- 1 si 5	Tz		-180.6	0.0	0.0	180.6		
6- 1 si 9	Ty		-180.6	0.0	0.0	180.6		
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1420.0|	
| 6- 1|	0.0|		0.0|		0.0|		-1381.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-185.5|		0.0|		185.5|	
| 6- 1|si| 5|	Tz	|	-180.5|		0.0|		180.5|	
| 6- 1|si| 9|	Ty	|	-180.5|		0.0|		180.5|	
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1419.1|	
| 6- 1|	0.0|		0.0|		0.0|		-1380.8|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-185.4|		0.0|		185.4|	
| 6- 1|si| 5|	Tz	|	-180.3|		0.0|		180.3|	
| 6- 1|si| 9|	Ty	|	-180.3|		0.0|		180.3|	
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1418.3|	
| 6- 1|	0.0|		0.0|		0.0|		-1379.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-185.2|		0.0|		185.2|	
| 6- 1|si| 5|	Tz	|	-180.2|		0.0|		180.2|	
| 6- 1|si| 9|	Ty	|	-180.2|		0.0|		180.2|	

VERIFICA STABILITA` :								
|L0 = 88. |								
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|								
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|								
Caso 5- 1 - Nodo 1 - Asse Y								
Ned = -1425.1|Mzeq = 0.0|Myeq = 0.0|Ss = -299.8 (0.114)								
P_IPE80_S008 (8) stato limite ultimo - ASTA (764- 765)							1514	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1559.5|	
| 6- 1|	0.0|		0.0|		0.0|		-1542.6|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-203.7|		0.0|		203.7|	
| 6- 1|si| 5|	Tz	|	-201.5|		0.0|		201.5|	
| 5- 1|si| 9|	Ty	|	-203.7|		0.0|		203.7|	
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1558.7|	
| 6- 1|	0.0|		0.0|		0.0|		-1541.7|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-203.6|		0.0|		203.6|	
| 6- 1|si| 5|	Tz	|	-201.4|		0.0|		201.4|	
| 5- 1|si| 9|	Ty	|	-203.6|		0.0|		203.6|	
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1557.8|	
| 6- 1|	0.0|		0.0|		0.0|		-1540.9|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-203.5|		0.0|		203.5|	
| 6- 1|si| 5|	Tz	|	-201.3|		0.0|		201.3|	
| 5- 1|si| 9|	Ty	|	-203.5|		0.0|		203.5|	
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1557.0|	
| 6- 1|	0.0|		0.0|		0.0|		-1540.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-203.4|		0.0|		203.4|	
| 6- 1|si| 5|	Tz	|	-201.1|		0.0|		201.1|	
| 5- 1|si| 9|	Ty	|	-203.4|		0.0|		203.4|	
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1556.1|	
| 6- 1|	0.0|		0.0|		0.0|		-1539.2|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-203.2|		0.0|		203.2|	
| 6- 1|si| 5|	Tz	|	-201.0|		0.0|		201.0|	
| 5- 1|si| 9|	Ty	|	-203.2|		0.0|		203.2|	
-----							PROGR.	55.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	0.0|		0.0|		0.0|		-1555.3|	
| 6- 1|	0.0|		0.0|		0.0|		-1538.3|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 1|Sx	Si	-203.1|	0.0|	0.0|	203.1|			
| 6- 1|si| 5| Tz		-200.9|	0.0|	0.0|	200.9|			
| 5- 1|si| 9| Ty		-203.1|	0.0|	0.0|	203.1|			
-----							PROGR.	66.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-1554.4|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-1537.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-203.0|	0.0|	0.0|	203.0|			
| 6- 1|si| 5| Tz		-200.8|	0.0|	0.0|	200.8|			
| 5- 1|si| 9| Ty		-203.0|	0.0|	0.0|	203.0|			
-----							PROGR.	77.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-1553.6|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-1536.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-202.9|	0.0|	0.0|	202.9|			
| 6- 1|si| 5| Tz		-200.7|	0.0|	0.0|	200.7|			
| 5- 1|si| 9| Ty		-202.9|	0.0|	0.0|	202.9|			
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-1552.7|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-1535.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-202.8|	0.0|	0.0|	202.8|			
| 6- 1|si| 5| Tz		-200.6|	0.0|	0.0|	200.6|			
| 5- 1|si| 9| Ty		-202.8|	0.0|	0.0|	202.8|			

VERIFICA STABILITA' :								
|L0 = 88. |								
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|								
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|								
Caso 5- 1 - Nodo 1 - Asse Y								
Ned = -1559.5|Mzeq = 0.0|Myeq = 0.0|Ss = -328.0 (0.125)								
P_IPE80_S008 (8) stato limite ultimo - ASTA (766- 767) 1515								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-1594.8|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-1569.9|	0.0|	0.0|		
| 8- 1|	0.0|	0.0|	0.0|	-1408.5|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-208.3|	0.0|	0.0|	208.3|			
| 6- 1|si| 6| Tz		-205.1|	0.0|	0.0|	205.1|			
| 8- 1|si| 9| Ty		-184.0|	0.0|	0.0|	184.0|			
-----							PROGR.	11.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-1594.0|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-1569.1|	0.0|	0.0|		
| 8- 1|	0.0|	0.0|	0.0|	-1407.6|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-208.2|	0.0|	0.0|	208.2|			
| 6- 1|si| 6| Tz		-204.9|	0.0|	0.0|	204.9|			
| 8- 1|si| 9| Ty		-183.9|	0.0|	0.0|	183.9|			
-----							PROGR.	22.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-1593.1|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-1568.2|	0.0|	0.0|		
| 8- 1|	0.0|	0.0|	0.0|	-1406.8|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-208.1|	0.0|	0.0|	208.1|			
| 6- 1|si| 6| Tz		-204.8|	0.0|	0.0|	204.8|			
| 8- 1|si| 9| Ty		-183.7|	0.0|	0.0|	183.7|			
-----							PROGR.	33.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-1592.3|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-1567.4|	0.0|	0.0|		
| 8- 1|	0.0|	0.0|	0.0|	-1405.9|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 1|Sx	Si	-208.0|	0.0|	0.0|	208.0|			
| 6- 1|si| 6| Tz		-204.7|	0.0|	0.0|	204.7|			
| 8- 1|si| 9| Ty		-183.6|	0.0|	0.0|	183.6|			
-----							PROGR.	44.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	0.0|	0.0|	0.0|	-1591.4|	0.0|	0.0|		
| 6- 1|	0.0|	0.0|	0.0|	-1566.5|	0.0|	0.0|		
| 8- 1|	0.0|	0.0|	0.0|	-1405.1|	0.0|	0.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-207.9|	0.0|	0.0|	207.9|			
| 6- 1|si| 6| Tz		-204.6|	0.0|	0.0|	204.6|			
8- 1 si 9 Ty		-183.5	0.0	0.0	183.5			
-----							PROGR.	55.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1590.6 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1565.7 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -1404.2 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -207.7 |      0.0 |      0.0 | 207.7 |
| 6- 1|si| 6| Tz |      -204.5 |      0.0 |      0.0 | 204.5 |
| 8- 1|si| 9| Ty |      -183.4 |      0.0 |      0.0 | 183.4 |
-----
PROGR.      66.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1589.7 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1564.8 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -1403.4 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -207.6 |      0.0 |      0.0 | 207.6 |
| 6- 1|si| 6| Tz |      -204.4 |      0.0 |      0.0 | 204.4 |
| 8- 1|si| 9| Ty |      -183.3 |      0.0 |      0.0 | 183.3 |
-----
PROGR.      77.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1588.9 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1564.0 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -1402.5 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -207.5 |      0.0 |      0.0 | 207.5 |
| 6- 1|si| 6| Tz |      -204.3 |      0.0 |      0.0 | 204.3 |
| 8- 1|si| 9| Ty |      -183.2 |      0.0 |      0.0 | 183.2 |
-----
PROGR.      88.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1588.0 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1563.1 |      0.0 |      0.0 |
| 8- 1 |      0.0 |      0.0 |      0.0 | -1401.7 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx | Si | -207.4 |      0.0 |      0.0 | 207.4 |
| 6- 1|si| 6| Tz |      -204.2 |      0.0 |      0.0 | 204.2 |
| 8- 1|si| 9| Ty |      -183.1 |      0.0 |      0.0 | 183.1 |
-----
-----
VERIFICA STABILITA` :

|L0 =      88. |
Z |Lc =      88. |Ro =      3.24 |lm =      27.2 |Ncr=      214856.6 |alfa(a)=0.2100 |ki=0.9744 |
Y |Lc =      88. |Ro =      1.05 |lm =      83.6 |Ncr=      22725.8 |alfa(b)=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned =      -1594.8 |Mzeq =      0.0 |Myeq =      0.0 |Ss =      -335.5 ( 0.128)

P_IPE80_S008 ( 8) ----- stato limite ultimo - ASTA ( 768- 769) 1516
-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1423.2 |      0.0 |      0.0 |
| 7- 1 |      0.0 |      0.0 |      0.0 | -1297.4 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx | Si | -185.9 |      0.0 |      0.0 | 185.9 |
| 5- 1|si| 6| Tz |      -185.9 |      0.0 |      0.0 | 185.9 |
| 7- 1|si| 9| Ty |      -169.5 |      0.0 |      0.0 | 169.5 |
-----
PROGR.      11.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1422.3 |      0.0 |      0.0 |
| 7- 1 |      0.0 |      0.0 |      0.0 | -1296.5 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx | Si | -185.8 |      0.0 |      0.0 | 185.8 |
| 5- 1|si| 6| Tz |      -185.8 |      0.0 |      0.0 | 185.8 |
| 7- 1|si| 9| Ty |      -169.3 |      0.0 |      0.0 | 169.3 |
-----
PROGR.      22.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1421.5 |      0.0 |      0.0 |
| 7- 1 |      0.0 |      0.0 |      0.0 | -1295.7 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx | Si | -185.7 |      0.0 |      0.0 | 185.7 |
| 5- 1|si| 6| Tz |      -185.7 |      0.0 |      0.0 | 185.7 |
| 7- 1|si| 9| Ty |      -169.2 |      0.0 |      0.0 | 169.2 |
-----
PROGR.      33.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1420.6 |      0.0 |      0.0 |
| 7- 1 |      0.0 |      0.0 |      0.0 | -1294.8 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 1|Sx | Si | -185.5 |      0.0 |      0.0 | 185.5 |
| 5- 1|si| 6| Tz |      -185.5 |      0.0 |      0.0 | 185.5 |
| 7- 1|si| 9| Ty |      -169.1 |      0.0 |      0.0 | 169.1 |
-----
PROGR.      44.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1419.8 |      0.0 |      0.0 |
| 7- 1 |      0.0 |      0.0 |      0.0 | -1293.9 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-185.4	0.0	0.0	185.4
5-1	si	6	Tz	-185.4	0.0	0.0	185.4
7-1	si	9	Ty	-169.0	0.0	0.0	169.0

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1418.9	0.0	0.0
7-1	0.0	0.0	0.0	-1293.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-185.3	0.0	0.0	185.3
5-1	si	6	Tz	-185.3	0.0	0.0	185.3
7-1	si	9	Ty	-168.9	0.0	0.0	168.9

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1418.1	0.0	0.0
7-1	0.0	0.0	0.0	-1292.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-185.2	0.0	0.0	185.2
5-1	si	6	Tz	-185.2	0.0	0.0	185.2
7-1	si	9	Ty	-168.8	0.0	0.0	168.8

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1417.2	0.0	0.0
7-1	0.0	0.0	0.0	-1291.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-185.1	0.0	0.0	185.1
5-1	si	6	Tz	-185.1	0.0	0.0	185.1
7-1	si	9	Ty	-168.7	0.0	0.0	168.7

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1416.3	0.0	0.0
7-1	0.0	0.0	0.0	-1290.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-185.0	0.0	0.0	185.0
5-1	si	6	Tz	-185.0	0.0	0.0	185.0
7-1	si	9	Ty	-168.6	0.0	0.0	168.6

VERIFICA STABILITA` :

|L0 = 88.1
 Z |Lc = 88.0 |Ro = 3.24 |Im = 27.2 |Ncr = 214856.6 |alfa(a) = 0.2100 |ki = 0.9744 |
 Y |Lc = 88.0 |Ro = 1.05 |Im = 83.6 |Ncr = 22725.8 |alfa(b) = 0.3400 |ki = 0.6209 |
 Caso 5-1 - Nodo 1 - Asse Y
 Ned = -1423.2 |Mzeq = 0.0 |Myeq = 0.0 |Ss = -299.4 (0.114)

P_IPE80_S008 (8) stato limite ultimo - ASTA (770- 771) 1518
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1526.0	0.0	0.0
6-1	0.0	0.0	0.0	-1521.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-199.3	0.0	0.0	199.3
6-1	si	5	Tz	-198.7	0.0	0.0	198.7
5-1	si	9	Ty	-199.3	0.0	0.0	199.3

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1525.1	0.0	0.0
6-1	0.0	0.0	0.0	-1520.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-199.2	0.0	0.0	199.2
6-1	si	5	Tz	-198.6	0.0	0.0	198.6
5-1	si	9	Ty	-199.2	0.0	0.0	199.2

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1524.3	0.0	0.0
6-1	0.0	0.0	0.0	-1519.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-199.1	0.0	0.0	199.1
6-1	si	5	Tz	-198.5	0.0	0.0	198.5
5-1	si	9	Ty	-199.1	0.0	0.0	199.1

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1523.4	0.0	0.0
6-1	0.0	0.0	0.0	-1518.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	-199.0	0.0	0.0	199.0
6-1	si	5	Tz	-198.3	0.0	0.0	198.3
5-1	si	9	Ty	-199.0	0.0	0.0	199.0

----- PROGR. 44.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-1522.6	0.0	0.0
6-1	0.0	0.0	0.0	-1517.7	0.0	0.0

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -198.9| 0.0| 0.0| 198.9|
| 6- 1| |si| 5| Tz | | -198.2| 0.0| 0.0| 198.2|
| 5- 1| |si| 9| Ty | | -198.9| 0.0| 0.0| 198.9|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1521.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1516.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -198.8| 0.0| 0.0| 198.8|
| 6- 1| |si| 5| Tz | | -198.1| 0.0| 0.0| 198.1|
| 5- 1| |si| 9| Ty | | -198.8| 0.0| 0.0| 198.8|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1520.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1516.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -198.6| 0.0| 0.0| 198.6|
| 6- 1| |si| 5| Tz | | -198.0| 0.0| 0.0| 198.0|
| 5- 1| |si| 9| Ty | | -198.6| 0.0| 0.0| 198.6|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1520.0| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1515.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -198.5| 0.0| 0.0| 198.5|
| 6- 1| |si| 5| Tz | | -197.9| 0.0| 0.0| 197.9|
| 5- 1| |si| 9| Ty | | -198.5| 0.0| 0.0| 198.5|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1519.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1514.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -198.4| 0.0| 0.0| 198.4|
| 6- 1| |si| 5| Tz | | -197.8| 0.0| 0.0| 197.8|
| 5- 1| |si| 9| Ty | | -198.4| 0.0| 0.0| 198.4|
-----
PROGR. 88.

VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1526.0|Mzeq = 0.0|Myeq = 0.0|Ss = -321.0 ( 0.123)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 772- 773) 1519
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1787.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1772.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 1|Sx | Si | -233.5| 0.0| 0.0| 233.5|
| 6- 1| |si| 6| Tz | | -231.4| 0.0| 0.0| 231.4|
| 6- 1| |si| 9| Ty | | -231.4| 0.0| 0.0| 231.4|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1786.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1771.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx | Si | -233.3| 0.0| 0.0| 233.3|
| 6- 1| |si| 6| Tz | | -231.3| 0.0| 0.0| 231.3|
| 6- 1| |si| 9| Ty | | -231.3| 0.0| 0.0| 231.3|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1785.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1770.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx | Si | -233.2| 0.0| 0.0| 233.2|
| 6- 1| |si| 6| Tz | | -231.2| 0.0| 0.0| 231.2|
| 6- 1| |si| 9| Ty | | -231.2| 0.0| 0.0| 231.2|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1784.9| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1769.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx | Si | -233.1| 0.0| 0.0| 233.1|
| 6- 1| |si| 6| Tz | | -231.1| 0.0| 0.0| 231.1|
| 6- 1| |si| 9| Ty | | -231.1| 0.0| 0.0| 231.1|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1784.0| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```

| 6- 1|          0.0|          0.0|          0.0| -1768.6|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -233.0| 0.0| 0.0| 233.0|
| 6- 1|si| 6| Tz  | -231.0| 0.0| 0.0| 231.0|
| 6- 1|si| 9| Ty  | -231.0| 0.0| 0.0| 231.0|
-----

```

55.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1783.2| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1767.7| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -232.9| 0.0| 0.0| 232.9|
| 6- 1|si| 6| Tz  | -230.9| 0.0| 0.0| 230.9|
| 6- 1|si| 9| Ty  | -230.9| 0.0| 0.0| 230.9|
-----

```

66.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1782.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1766.9| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -232.8| 0.0| 0.0| 232.8|
| 6- 1|si| 6| Tz  | -230.8| 0.0| 0.0| 230.8|
| 6- 1|si| 9| Ty  | -230.8| 0.0| 0.0| 230.8|
-----

```

77.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1781.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1766.0| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -232.7| 0.0| 0.0| 232.7|
| 6- 1|si| 6| Tz  | -230.7| 0.0| 0.0| 230.7|
| 6- 1|si| 9| Ty  | -230.7| 0.0| 0.0| 230.7|
-----

```

88.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1780.6| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1765.2| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx  Si| -232.6| 0.0| 0.0| 232.6|
| 6- 1|si| 6| Tz  | -230.6| 0.0| 0.0| 230.6|
| 6- 1|si| 9| Ty  | -230.6| 0.0| 0.0| 230.6|
-----

```

VERIFICA STABILITA` :

```

|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a )=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b )=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -1787.4|Mzeq = 0.0|Myeq = 0.0|Ss = -376.0 ( 0.144)

```

```

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 774- 775) 1520
-----

```

0.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1746.1| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -228.1| 0.0| 0.0| 228.1|
| 5- 1|si| 6| Tz  | -228.1| 0.0| 0.0| 228.1|
| 5- 1|si| 9| Ty  | -228.1| 0.0| 0.0| 228.1|
-----

```

11.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1745.3| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -228.0| 0.0| 0.0| 228.0|
| 5- 1|si| 6| Tz  | -228.0| 0.0| 0.0| 228.0|
| 5- 1|si| 9| Ty  | -228.0| 0.0| 0.0| 228.0|
-----

```

22.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1744.4| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -227.8| 0.0| 0.0| 227.8|
| 5- 1|si| 6| Tz  | -227.8| 0.0| 0.0| 227.8|
| 5- 1|si| 9| Ty  | -227.8| 0.0| 0.0| 227.8|
-----

```

33.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1743.5| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -227.7| 0.0| 0.0| 227.7|
| 5- 1|si| 6| Tz  | -227.7| 0.0| 0.0| 227.7|
| 5- 1|si| 9| Ty  | -227.7| 0.0| 0.0| 227.7|
-----

```

44.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1742.7| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -227.6| 0.0| 0.0| 227.6|

```

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 6| Tz | -227.6| 0.0| 0.0| 227.6|
| 5- 1|si| 9| Ty | -227.6| 0.0| 0.0| 227.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1741.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -227.5| 0.0| 0.0| 227.5|
| 5- 1|si| 6| Tz | -227.5| 0.0| 0.0| 227.5|
| 5- 1|si| 9| Ty | -227.5| 0.0| 0.0| 227.5|
-----
PROGR. 55.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1741.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -227.4| 0.0| 0.0| 227.4|
| 5- 1|si| 6| Tz | -227.4| 0.0| 0.0| 227.4|
| 5- 1|si| 9| Ty | -227.4| 0.0| 0.0| 227.4|
-----
PROGR. 66.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1740.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -227.3| 0.0| 0.0| 227.3|
| 5- 1|si| 6| Tz | -227.3| 0.0| 0.0| 227.3|
| 5- 1|si| 9| Ty | -227.3| 0.0| 0.0| 227.3|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1739.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -227.2| 0.0| 0.0| 227.2|
| 5- 1|si| 6| Tz | -227.2| 0.0| 0.0| 227.2|
| 5- 1|si| 9| Ty | -227.2| 0.0| 0.0| 227.2|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1746.1|Mzeq = 0.0|Myeq = 0.0|Ss = -367.3 ( 0.140)

P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 776- 777) 1521
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1998.1| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1992.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -261.0| 0.0| 0.0| 261.0|
| 6- 1|si| 5| Tz | -260.2| 0.0| 0.0| 260.2|
| 5- 1|si| 9| Ty | -261.0| 0.0| 0.0| 261.0|
-----
PROGR. 11.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1997.3| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1991.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -260.9| 0.0| 0.0| 260.9|
| 6- 1|si| 5| Tz | -260.1| 0.0| 0.0| 260.1|
| 5- 1|si| 9| Ty | -260.9| 0.0| 0.0| 260.9|
-----
PROGR. 22.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1996.4| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1990.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -260.8| 0.0| 0.0| 260.8|
| 6- 1|si| 5| Tz | -260.0| 0.0| 0.0| 260.0|
| 5- 1|si| 9| Ty | -260.8| 0.0| 0.0| 260.8|
-----
PROGR. 33.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1995.5| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1989.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -260.6| 0.0| 0.0| 260.6|
| 6- 1|si| 5| Tz | -259.9| 0.0| 0.0| 259.9|
| 5- 1|si| 9| Ty | -260.6| 0.0| 0.0| 260.6|
-----
PROGR. 44.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1994.7| 0.0| 0.0|
| 6- 1| 0.0| 0.0| 0.0| -1988.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -260.5| 0.0| 0.0| 260.5|
| 6- 1|si| 5| Tz | -259.8| 0.0| 0.0| 259.8|
| 5- 1|si| 9| Ty | -260.5| 0.0| 0.0| 260.5|
-----
PROGR. 55.

```

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1993.8 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1988.0 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -260.4 |      0.0 |      0.0 | 260.4 |
| 6- 1|si| 5|  Tz | -259.7 |      0.0 |      0.0 | 259.7 |
| 5- 1|si| 9|  Ty | -260.4 |      0.0 |      0.0 | 260.4 |
----- PROGR.      66.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1993.0 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1987.1 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -260.3 |      0.0 |      0.0 | 260.3 |
| 6- 1|si| 5|  Tz | -259.5 |      0.0 |      0.0 | 259.5 |
| 5- 1|si| 9|  Ty | -260.3 |      0.0 |      0.0 | 260.3 |
----- PROGR.      77.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1992.1 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1986.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -260.2 |      0.0 |      0.0 | 260.2 |
| 6- 1|si| 5|  Tz | -259.4 |      0.0 |      0.0 | 259.4 |
| 5- 1|si| 9|  Ty | -260.2 |      0.0 |      0.0 | 260.2 |
----- PROGR.      88.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1991.3 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1985.4 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -260.1 |      0.0 |      0.0 | 260.1 |
| 6- 1|si| 5|  Tz | -259.3 |      0.0 |      0.0 | 259.3 |
| 5- 1|si| 9|  Ty | -260.1 |      0.0 |      0.0 | 260.1 |
----- PROGR.      99.

VERIFICA STABILITA` :

|L0 =      88. |
Z |Lc =      88. |Ro =      3.24 |lm =      27.2 |Ncr=      214856.6 |alfa(a )=0.2100 |ki=0.9744 |
Y |Lc =      88. |Ro =      1.05 |lm =      83.6 |Ncr=      22725.8 |alfa(b )=0.3400 |ki=0.6209 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1998.1 |Mzeq =      0.0 |Myeq =      0.0 |Ss = -420.3 ( 0.160)

P_IPE80_S008 ( 8) ----- stato limite ultimo - ASTA ( 778- 779) 1522
----- PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1931.7 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1916.2 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si| -252.3 |      0.0 |      0.0 | 252.3 |
| 6- 1|si| 6|  Tz | -250.3 |      0.0 |      0.0 | 250.3 |
| 6- 1|si| 9|  Ty | -250.3 |      0.0 |      0.0 | 250.3 |
----- PROGR.      11.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1930.8 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1915.3 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si| -252.2 |      0.0 |      0.0 | 252.2 |
| 6- 1|si| 6|  Tz | -250.2 |      0.0 |      0.0 | 250.2 |
| 6- 1|si| 9|  Ty | -250.2 |      0.0 |      0.0 | 250.2 |
----- PROGR.      22.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1930.0 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1914.5 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si| -252.1 |      0.0 |      0.0 | 252.1 |
| 6- 1|si| 6|  Tz | -250.1 |      0.0 |      0.0 | 250.1 |
| 6- 1|si| 9|  Ty | -250.1 |      0.0 |      0.0 | 250.1 |
----- PROGR.      33.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1929.1 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1913.6 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si| -252.0 |      0.0 |      0.0 | 252.0 |
| 6- 1|si| 6|  Tz | -249.9 |      0.0 |      0.0 | 249.9 |
| 6- 1|si| 9|  Ty | -249.9 |      0.0 |      0.0 | 249.9 |
----- PROGR.      44.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1928.3 |      0.0 |      0.0 |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1912.8 |      0.0 |      0.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si| -251.9 |      0.0 |      0.0 | 251.9 |
| 6- 1|si| 6|  Tz | -249.8 |      0.0 |      0.0 | 249.8 |
| 6- 1|si| 9|  Ty | -249.8 |      0.0 |      0.0 | 249.8 |
----- PROGR.      55.

```


Copertura area carburante - Relazione di calcolo

----- PROGR. 55.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1927.4|	0.0|	0.0|			
| 6- 1|	0.0|	0.0|	0.0|	-1911.9|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|	Sx	Si	-251.7|	0.0|	0.0|	251.7|		
| 6- 1|	si| 6|	Tz		-249.7|	0.0|	0.0|	249.7|		
| 6- 1|	si| 9|	Ty		-249.7|	0.0|	0.0|	249.7|		
----- PROGR. 66.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1926.6|	0.0|	0.0|			
| 6- 1|	0.0|	0.0|	0.0|	-1911.1|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|	Sx	Si	-251.6|	0.0|	0.0|	251.6|		
| 6- 1|	si| 6|	Tz		-249.6|	0.0|	0.0|	249.6|		
| 6- 1|	si| 9|	Ty		-249.6|	0.0|	0.0|	249.6|		
----- PROGR. 77.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1925.7|	0.0|	0.0|			
| 6- 1|	0.0|	0.0|	0.0|	-1910.2|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|	Sx	Si	-251.5|	0.0|	0.0|	251.5|		
| 6- 1|	si| 6|	Tz		-249.5|	0.0|	0.0|	249.5|		
| 6- 1|	si| 9|	Ty		-249.5|	0.0|	0.0|	249.5|		
----- PROGR. 88.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1924.9|	0.0|	0.0|			
| 6- 1|	0.0|	0.0|	0.0|	-1909.3|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|	Sx	Si	-251.4|	0.0|	0.0|	251.4|		
| 6- 1|	si| 6|	Tz		-249.4|	0.0|	0.0|	249.4|		
| 6- 1|	si| 9|	Ty		-249.4|	0.0|	0.0|	249.4|		

VERIFICA STABILITA' :									
|L0 = 88. |									
Z	|Lc = 88. |	Ro = 3.24|	lm = 27.2|	Ncr= 214856.6|	alfa(a)=0.2100|	ki=0.9744|			
Y	|Lc = 88. |	Ro = 1.05|	lm = 83.6|	Ncr= 22725.8|	alfa(b)=0.3400|	ki=0.6209|			
Caso 5- 1 - Nodo 4 - Asse Y									
Ned = -1931.7| Mzeq = 0.0| Myeq = 0.0| Ss = -406.3 (0.155)									
P_IP80_S008 (8) stato limite ultimo - ASTA (780- 781) 1523									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1651.8|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 1|	Sx	Si	-215.7|	0.0|	0.0|	215.7|		
| 5- 1|	si| 6|	Tz		-215.7|	0.0|	0.0|	215.7|		
| 5- 1|	si| 9|	Ty		-215.7|	0.0|	0.0|	215.7|		
----- PROGR. 11.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1650.9|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|	Sx	Si	-215.6|	0.0|	0.0|	215.6|		
| 5- 1|	si| 6|	Tz		-215.6|	0.0|	0.0|	215.6|		
| 5- 1|	si| 9|	Ty		-215.6|	0.0|	0.0|	215.6|		
----- PROGR. 22.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1650.1|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|	Sx	Si	-215.5|	0.0|	0.0|	215.5|		
| 5- 1|	si| 6|	Tz		-215.5|	0.0|	0.0|	215.5|		
| 5- 1|	si| 9|	Ty		-215.5|	0.0|	0.0|	215.5|		
----- PROGR. 33.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1649.2|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|	Sx	Si	-215.4|	0.0|	0.0|	215.4|		
| 5- 1|	si| 6|	Tz		-215.4|	0.0|	0.0|	215.4|		
| 5- 1|	si| 9|	Ty		-215.4|	0.0|	0.0|	215.4|		
----- PROGR. 44.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	0.0|	0.0|	0.0|	-1648.3|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|	Sx	Si	-215.3|	0.0|	0.0|	215.3|		
| 5- 1|	si| 6|	Tz		-215.3|	0.0|	0.0|	215.3|		
| 5- 1|	si| 9|	Ty		-215.3|	0.0|	0.0|	215.3|		
----- PROGR. 55.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	0.0	0.0	0.0	-1647.5	0.0	0.0			

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -215.2| 0.0| 0.0| 215.2|
| 5- 1|si| 6| Tz | | -215.2| 0.0| 0.0| 215.2|
| 5- 1|si| 9| Ty | | -215.2| 0.0| 0.0| 215.2|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1646.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -215.1| 0.0| 0.0| 215.1|
| 5- 1|si| 6| Tz | | -215.1| 0.0| 0.0| 215.1|
| 5- 1|si| 9| Ty | | -215.1| 0.0| 0.0| 215.1|
-----
PROGR. 77.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1645.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -215.0| 0.0| 0.0| 215.0|
| 5- 1|si| 6| Tz | | -215.0| 0.0| 0.0| 215.0|
| 5- 1|si| 9| Ty | | -215.0| 0.0| 0.0| 215.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1644.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -214.8| 0.0| 0.0| 214.8|
| 5- 1|si| 6| Tz | | -214.8| 0.0| 0.0| 214.8|
| 5- 1|si| 9| Ty | | -214.8| 0.0| 0.0| 214.8|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -1651.8|Mzeq = 0.0|Myeq = 0.0|Ss = -347.4 ( 0.133)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 782- 783) 1524
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1709.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -223.3| 0.0| 0.0| 223.3|
| 5- 1|si| 5| Tz | | -223.3| 0.0| 0.0| 223.3|
| 5- 1|si| 9| Ty | | -223.3| 0.0| 0.0| 223.3|
-----
PROGR. 11.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1708.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -223.2| 0.0| 0.0| 223.2|
| 5- 1|si| 5| Tz | | -223.2| 0.0| 0.0| 223.2|
| 5- 1|si| 9| Ty | | -223.2| 0.0| 0.0| 223.2|
-----
PROGR. 22.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1707.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -223.1| 0.0| 0.0| 223.1|
| 5- 1|si| 5| Tz | | -223.1| 0.0| 0.0| 223.1|
| 5- 1|si| 9| Ty | | -223.1| 0.0| 0.0| 223.1|
-----
PROGR. 33.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1707.0| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -223.0| 0.0| 0.0| 223.0|
| 5- 1|si| 5| Tz | | -223.0| 0.0| 0.0| 223.0|
| 5- 1|si| 9| Ty | | -223.0| 0.0| 0.0| 223.0|
-----
PROGR. 44.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1706.1| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -222.8| 0.0| 0.0| 222.8|
| 5- 1|si| 5| Tz | | -222.8| 0.0| 0.0| 222.8|
| 5- 1|si| 9| Ty | | -222.8| 0.0| 0.0| 222.8|
-----
PROGR. 55.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1705.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -222.7| 0.0| 0.0| 222.7|
| 5- 1|si| 5| Tz | | -222.7| 0.0| 0.0| 222.7|
| 5- 1|si| 9| Ty | | -222.7| 0.0| 0.0| 222.7|
-----
PROGR. 66.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

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| 5- 1|          0.0|          0.0|          0.0| -1704.4|          0.0|          0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -222.6| 0.0| 0.0| 222.6|
| 5- 1|si| 5| Tz | -222.6| 0.0| 0.0| 222.6|
| 5- 1|si| 9| Ty | -222.6| 0.0| 0.0| 222.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1703.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -222.5| 0.0| 0.0| 222.5|
| 5- 1|si| 5| Tz | -222.5| 0.0| 0.0| 222.5|
| 5- 1|si| 9| Ty | -222.5| 0.0| 0.0| 222.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1702.7| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -222.4| 0.0| 0.0| 222.4|
| 5- 1|si| 5| Tz | -222.4| 0.0| 0.0| 222.4|
| 5- 1|si| 9| Ty | -222.4| 0.0| 0.0| 222.4|
-----
VERIFICA STABILITA` :
|L0 = 88.1
Z |Lc = 88.1|Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88.1|Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1709.5|Mzeq = 0.0|Myeq = 0.0|Ss = -359.6 ( 0.137)
P_IPE80_S008 ( 8) stato limite ultimo - ASTA ( 784- 785) 1525
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1582.3| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1574.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -206.7| 0.0| 0.0| 206.7|
| 5- 1|si| 5| Tz | -205.6| 0.0| 0.0| 205.6|
| 5- 1|si| 9| Ty | -205.6| 0.0| 0.0| 205.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1581.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1573.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -206.6| 0.0| 0.0| 206.6|
| 5- 1|si| 5| Tz | -205.5| 0.0| 0.0| 205.5|
| 5- 1|si| 9| Ty | -205.5| 0.0| 0.0| 205.5|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1580.6| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1572.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -206.4| 0.0| 0.0| 206.4|
| 5- 1|si| 5| Tz | -205.4| 0.0| 0.0| 205.4|
| 5- 1|si| 9| Ty | -205.4| 0.0| 0.0| 205.4|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1579.8| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1571.6| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -206.3| 0.0| 0.0| 206.3|
| 5- 1|si| 5| Tz | -205.3| 0.0| 0.0| 205.3|
| 5- 1|si| 9| Ty | -205.3| 0.0| 0.0| 205.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1578.9| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1570.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -206.2| 0.0| 0.0| 206.2|
| 5- 1|si| 5| Tz | -205.2| 0.0| 0.0| 205.2|
| 5- 1|si| 9| Ty | -205.2| 0.0| 0.0| 205.2|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1578.1| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1569.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -206.1| 0.0| 0.0| 206.1|
| 5- 1|si| 5| Tz | -205.0| 0.0| 0.0| 205.0|
| 5- 1|si| 9| Ty | -205.0| 0.0| 0.0| 205.0|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1577.2| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| -1569.1| 0.0| 0.0|

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -206.0| 0.0| 0.0| 206.0|
| 5- 1|si| 5| Tz | | -204.9| 0.0| 0.0| 204.9|
| 5- 1|si| 9| Ty | | -204.9| 0.0| 0.0| 204.9|
-----
PROGR. 77.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -1576.4| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -1568.2| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -205.9| 0.0| 0.0| 205.9|
| 5- 1|si| 5| Tz | | -204.8| 0.0| 0.0| 204.8|
| 5- 1|si| 9| Ty | | -204.8| 0.0| 0.0| 204.8|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -1575.5| 0.0| 0.0|
| 5- 1| 0.0| 0.0| 0.0| 0.0| -1567.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -205.8| 0.0| 0.0| 205.8|
| 5- 1|si| 5| Tz | | -204.7| 0.0| 0.0| 204.7|
| 5- 1|si| 9| Ty | | -204.7| 0.0| 0.0| 204.7|
-----
VERIFICA STABILITA` :
|L0 = 88. |
Z |Lc = 88. |Ro = 3.24|lm = 27.2|Ncr= 214856.6|alfa(a)=0.2100|ki=0.9744|
Y |Lc = 88. |Ro = 1.05|lm = 83.6|Ncr= 22725.8|alfa(b)=0.3400|ki=0.6209|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1582.3|Mzeq = 0.0|Myeq = 0.0|Ss = -332.8 ( 0.127)

P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 18- 751) 1278
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 0.0| 0.0| 0.0| 0.0| -12029.1| 20.3| 550.6|
| 7- 1| 0.0| 0.0| 0.0| 0.0| -9320.6| -114.1| 481.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -265.1| 0.0| 0.0| 265.1|
| 7- 1|si| 6| Tz | | -205.4| -15.9| 0.0| 207.3|
| 6- 1|si| 9| TySi | | -265.1| 0.0| -59.4| 284.4|
-----
PROGR. 18.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 8525.3| -356.0| 0.0| -12030.3| 20.3| 423.7|
| 7- 1| 7427.1| 1806.2| 0.0| -9320.6| -92.3| 367.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -297.6| 0.0| 0.0| 297.6|
| 7- 1|si| 6| Tz | | -234.2| -12.4| 0.0| 235.2|
| 6- 1|si| 9| Ty | | -265.3| 0.0| -45.7| 276.9|
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 14830.6| -712.1| 0.0| -12031.6| 20.3| 296.9|
| 7- 1| 12850.9| 3231.2| 0.0| -9320.6| -70.5| 252.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -322.5| 0.0| 0.0| 322.5|
| 7- 1|si| 6| Tz | | -255.4| -8.8| 0.0| 255.9|
| 6- 1|si| 9| Ty | | -265.4| 0.0| -32.0| 271.2|
-----
PROGR. 52.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 18915.7| -1068.1| 0.0| -12032.8| 20.3| 170.0|
| 7- 1| 16271.3| 4274.8| 0.0| -9320.6| -48.7| 138.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -339.9| 0.0| 0.0| 339.9|
| 7- 1|si| 6| Tz | | -269.1| -5.2| 0.0| 269.2|
| 6- 1|si| 9| Ty | | -265.6| 0.0| -18.3| 267.5|
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 20780.8| -1424.2| 0.0| -12034.1| 20.3| 43.1|
| 12- 1| 9262.7| -1015.8| 0.0| -9792.9| 14.5| 78.6|
| 12- 4| 9314.2| 287.5| 0.0| -9849.6| -4.1| 79.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -349.7| 0.0| 0.0| 349.7|
| 12- 1|si| 5| Tz | | -249.3| 2.4| 0.0| 249.3|
| 12- 4|si| 9| Ty | | -217.0| 0.0| -8.6| 217.5|
-----
PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 20425.8| -1780.2| 0.0| -12035.4| 20.3| -83.7|
| 5- 1| 19159.1| 2301.1| 0.0| -10572.3| 6.4| -98.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -352.0| 0.0| 0.0| 352.0|
| 6- 1|si| 6| Tz | | -331.2| 2.8| 0.0| 331.3|
| 5- 1|si| 9| Ty | | -232.3| 0.0| 10.6| 233.0|
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

6- 1	17850.6	-2136.3	0.0	-12036.6	20.3	-210.6
| 5- 1|	16330.6|	2075.0|	0.0|	-10572.3|	19.5|	-225.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-346.8|	0.0|	0.0|	346.8|	
| 5- 1|si| 6| Tz |		-292.6|	6.0|	0.0|	292.8|	
| 5- 1|si| 9| Ty |		-232.4|	0.0|	24.3|	236.1|	
----- PROGR. 122.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	13055.4|	-2492.3|	0.0|	-12037.9|	20.3|	-337.4|
| 5- 1|	11282.0|	1620.2|	0.0|	-10572.3|	32.5|	-351.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-334.0|	0.0|	0.0|	334.0|	
| 5- 1|si| 6| Tz |		-274.5|	9.5|	0.0|	275.0|	
| 5- 1|si| 9| Ty |		-232.5|	0.0|	38.0|	241.6|	
----- PROGR. 140.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	6040.1|	-2848.4|	0.0|	-12039.1|	20.3|	-464.3|
| 5- 1|	4013.4|	936.6|	0.0|	-10572.3|	45.6|	-478.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-313.6|	0.0|	0.0|	313.6|	
| 5- 1|si| 6| Tz |		-248.5|	13.0|	0.0|	249.5|	
| 5- 1|si| 9| Ty |		-232.7|	0.0|	51.6|	249.3|	

VERIFICA STABILITA` :						
|L0 = 140. |						
Z |Lc = 140. |Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|						
Y |Lc = 140. |Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|						
Caso 6- 1 - Nodo 1 - Asse Y						
Ned = -12039.1|Mzeq = 19318.7|Myeq = -2136.3|Ss = -375.5 (0.143)						
P_HEA180_S017 (17) stato limite ultimo - ASTA (543- 753) 1279						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	56308.3|	-12768.0|	0.0|	-33299.3|	-142.8|	335.3|
| 7- 1|	50929.3|	-16854.2|	0.0|	-30191.2|	-217.5|	303.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	-1049.6|	0.0|	0.0|	1049.6|	
| 7- 1|si| 6| Tz |		-805.7|	-16.1|	0.0|	806.2|	
| 5- 1|si| 9| Ty |		-738.1|	0.0|	-36.2|	740.8|	
----- PROGR. 18.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	61065.9|	-10382.7|	0.0|	-33299.3|	-129.8|	208.4|
| 7- 1|	55231.0|	-13238.9|	0.0|	-30191.2|	-195.7|	188.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	-1042.6|	0.0|	0.0|	1042.6|	
| 7- 1|si| 6| Tz |		-827.4|	-12.6|	0.0|	827.7|	
| 5- 1|si| 9| Ty |		-737.4|	0.0|	-22.5|	738.4|	
----- PROGR. 35.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	63603.5|	-8226.2|	0.0|	-33299.3|	-116.7|	81.6|
| 7- 1|	57529.4|	-10005.0|	0.0|	-30191.2|	-173.9|	74.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	-1030.2|	0.0|	0.0|	1030.2|	
| 7- 1|si| 6| Tz |		-841.5|	-9.0|	0.0|	841.7|	
| 5- 1|si| 9| Ty |		-736.7|	0.0|	-8.8|	736.8|	
----- PROGR. 52.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	63920.9|	-6298.4|	0.0|	-33299.3|	-103.6|	-45.3|
| 7- 1|	57824.5|	-7152.3|	0.0|	-30191.2|	-152.1|	-40.4|
| 12- 6|	24155.5|	-381.7|	0.0|	-10632.8|	-40.5|	-89.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx |	Si |	-1012.5|	0.0|	0.0|	1012.5|	
| 7- 1|si| 5| Tz |		-875.9|	-7.3|	0.0|	876.0|	
| 12- 6|si| 9| Ty |		-234.5|	0.0|	9.7|	235.1|	
----- PROGR. 70.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	63245.6|	-3834.1|	0.0|	-33861.9|	-26.6|	-179.9|
| 7- 1|	56116.1|	-4681.0|	0.0|	-30191.2|	-130.3|	-154.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-998.6|	0.0|	0.0|	998.6|	
| 7- 1|si| 5| Tz |		-865.3|	-9.1|	0.0|	865.4|	
| 6- 1|si| 9| Ty |		-747.6|	0.0|	19.4|	748.4|	
----- PROGR. 88.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	58986.7|	-3368.5|	0.0|	-33863.1|	-26.6|	-306.8|
| 7- 1|	52404.4|	-2590.9|	0.0|	-30191.2|	-108.5|	-269.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	-979.7|	0.0|	0.0|	979.7|	
| 7- 1|si| 5| Tz |		-848.6|	-10.8|	0.0|	848.8|	
| 6- 1|si| 9| Ty |		-747.5|	0.0|	33.1|	749.7|	
----- PROGR. 105.						

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 52507.8 | -2902.8 | 0.0 | -33864.4 | -26.6 | -433.7 |
| 5- 1 | 51552.8 | -1887.6 | 0.0 | -33299.3 | -64.4 | -425.9 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -953.1 | 0.0 | 0.0 | 953.1 |
| 5- 1 | si | 5 | Tz | | -912.9 | -12.5 | 0.0 | 913.1 |
| 6- 1 | si | 9 | Ty | | -747.4 | 0.0 | 46.8 | 751.8 |
----- PROGR. 122.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 43808.8 | -2437.1 | 0.0 | -33865.6 | -26.6 | -560.5 |
| 5- 1 | 42989.9 | -874.9 | 0.0 | -33299.3 | -51.3 | -552.7 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -919.1 | 0.0 | 0.0 | 919.1 |
| 5- 1 | si | 5 | Tz | | -881.8 | -14.9 | 0.0 | 882.2 |
| 6- 1 | si | 9 | Ty | | -747.3 | 0.0 | 60.5 | 754.6 |
----- PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 32889.7 | -1971.5 | 0.0 | -33866.9 | -26.6 | -687.4 |
| 5- 1 | 32206.9 | -90.9 | 0.0 | -33299.3 | -38.3 | -679.6 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 1 | Sx | Si | -877.5 | 0.0 | 0.0 | 877.5 |
| 5- 1 | si | 5 | Tz | | -843.6 | -17.3 | 0.0 | 844.1 |
| 6- 1 | si | 9 | Ty | | -747.1 | 0.0 | 74.1 | 758.1 |
----- PROGR. 140.

VERIFICA STABILITA` :

| L0 = 140. |
Z | Lc = 140. | Ro = 7.45 | lm = 18.8 | Ncr = 2660631.5 | alfa(b) = 0.3400 | ki = 0.9941 |
Y | Lc = 140. | Ro = 4.51 | lm = 31.0 | Ncr = 977844.4 | alfa(c) = 0.4900 | ki = 0.9197 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -33299.3 | Mzeq = 63920.9 | Myeq = -9576.0 | Ss = -1114.5 ( 0.426 )

P_HEA180_S017 ( 17 ) stato limite ultimo - ASTA ( 544- 755 ) 1280
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 67020.8 | 1753.8 | 0.0 | -25271.9 | 22.4 | 188.0 |
| 7- 1 | 61115.0 | -4764.4 | 0.0 | -22720.3 | -137.5 | 162.1 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 2 | Sx | Si | -801.9 | 0.0 | 0.0 | 801.9 |
| 7- 1 | si | 6 | Tz | | -699.2 | -9.5 | 0.0 | 699.4 |
| 6- 1 | si | 9 | Ty | | -556.5 | 0.0 | -20.3 | 557.6 |
----- PROGR. 18.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 69200.9 | 1361.5 | 0.0 | -25273.1 | 22.4 | 61.1 |
| 7- 2 | 13701.0 | 4061.0 | 0.0 | -6306.1 | 141.4 | 29.1 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 2 | Sx | Si | -805.5 | 0.0 | 0.0 | 805.5 |
| 7- 2 | si | 5 | Tz | | -177.7 | 6.6 | 0.0 | 178.0 |
| 6- 1 | si | 9 | Ty | | -556.6 | 0.0 | -6.6 | 556.8 |
----- PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 69161.0 | 969.2 | 0.0 | -25274.4 | 22.4 | -65.7 |
| 7- 1 | 62780.2 | -714.7 | 0.0 | -22720.3 | -93.9 | -66.9 |
| 12- 6 | 20321.5 | -456.8 | 0.0 | -5374.0 | 7.4 | -72.0 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 2 | Sx | Si | -801.6 | 0.0 | 0.0 | 801.6 |
| 7- 1 | si | 5 | Tz | | -715.5 | -5.5 | 0.0 | 715.6 |
| 12- 6 | si | 9 | Ty | | -118.6 | 0.0 | 7.8 | 119.4 |
----- PROGR. 52.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 66900.9 | 576.9 | 0.0 | -25275.6 | 22.4 | -192.6 |
| 7- 1 | 60607.7 | 738.2 | 0.0 | -22720.3 | -72.1 | -181.4 |
| 5- 1 | 66749.6 | 709.7 | 0.0 | -25124.5 | -33.1 | -195.7 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 6- 1 | si | 2 | Sx | Si | -790.1 | 0.0 | 0.0 | 790.1 |
| 7- 1 | si | 5 | Tz | | -705.3 | -7.2 | 0.0 | 705.4 |
| 5- 1 | si | 9 | Ty | | -553.6 | 0.0 | 21.1 | 554.8 |
----- PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 62214.0 | 1173.7 | 0.0 | -25124.5 | -20.0 | -322.6 |
| 7- 1 | 56431.9 | 1809.9 | 0.0 | -22720.3 | -50.3 | -295.9 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si | |
| 5- 1 | si | 2 | Sx | Si | -776.6 | 0.0 | 0.0 | 776.6 |
| 7- 1 | si | 5 | Tz | | -689.1 | -9.0 | 0.0 | 689.2 |
| 5- 1 | si | 9 | Ty | | -553.4 | 0.0 | 34.8 | 556.7 |
----- PROGR. 88.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 55458.4 | 1409.0 | 0.0 | -25124.5 | -6.9 | -449.5 |
| 6- 1 | 55720.5 | -207.7 | 0.0 | -25278.2 | 22.4 | -446.3 |
TENSIONI (Sz= 0.00) :
| Caso | Ve | No | massimi | Sx | Tz | Ty | Si |
| 5- 1 | si | 2 | Sx | Si | -756.0 | 0.0 | 0.0 | 756.0 |

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Copertura area carburante - Relazione di calcolo

6-1	si 6	Tz	-746.1	11.3	0.0	746.4
5-1	|si| 9	Ty	-553.3	0.0	48.5	559.7

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	46482.7	1415.5	0.0	-25124.5	6.2	-576.3
6-1	46800.2	-600.0	0.0	-25279.4	22.4	-573.2

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
5-1	|si| 2|Sx	Si	-725.5	0.0	0.0	725.5
6-1	|si| 6	Tz	-715.1	14.2	0.0	715.5
5-1	|si| 9	Ty	-553.3	0.0	62.2	563.7

----- PROGR. 122.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	35659.8	-992.3	0.0	-25280.7	22.4	-700.0
5-1	35286.9	1193.2	0.0	-25124.5	19.2	-703.2

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
6-1	|si| 1|Sx	Si	-688.1	0.0	0.0	688.1
6-1	|si| 6	Tz	-676.5	17.1	0.0	677.1
5-1	|si| 9	Ty	-553.4	0.0	75.8	568.8

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	22299.2	-1384.6	0.0	-25281.9	22.4	-826.9
5-1	21871.0	742.2	0.0	-25124.5	32.3	-830.1

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
6-1	|si| 1|Sx	Si	-646.5	0.0	0.0	646.5
5-1	|si| 6	Tz	-629.6	20.5	0.0	630.6
5-1	|si| 9	Ty	-553.6	0.0	89.5	574.9

VERIFICA STABILITA` :

L0 = 140.0
 Z |Lc = 140.0|Ro = 7.45|lm = 18.8|Ncr = 2660631.5|alfa(b)=0.3400|ki=0.9941|
 Y |Lc = 140.0|Ro = 4.51|lm = 31.0|Ncr = 977844.4|alfa(c)=0.4900|ki=0.9197|
 Caso 6-1 - Nodo 2 - Asse Y
 Ned = -25281.9|Mzeq = 69200.9|Myeq = 1315.3|Ss = -856.5 (0.327)

P_HEA180_S017 (17) stato limite ultimo - ASTA (545- 757) 1281
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	33813.4	-15070.2	0.0	12703.7	-228.1	16.1
11-6	11003.4	-8815.4	0.0	5862.9	-173.4	-49.0

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
7-1	|si| 3|Sx	Si	541.6	0.0	0.0	541.6
7-1	|si| 6	Tz	194.5	-10.0	0.0	195.2
11-6	|si| 9	Ty	126.4	0.0	5.3	126.7

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	35690.7	-8692.1	0.0	13926.3	-131.2	-98.6
7-1	33093.8	-11268.7	0.0	12703.7	-206.3	-98.4

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
5-1	|si| 3|Sx	Si	512.9	0.0	0.0	512.9
7-1	|si| 5	Tz	145.6	-10.9	0.0	146.9
5-1	|si| 9	Ty	304.1	0.0	10.6	304.7

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	32855.2	-6511.3	0.0	13926.3	-118.1	-225.5
7-1	30370.9	-7848.5	0.0	12703.7	-184.5	-212.8

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
5-1	|si| 3|Sx	Si	482.0	0.0	0.0	482.0
7-1	|si| 5	Tz	161.5	-12.7	0.0	163.0
5-1	|si| 9	Ty	304.9	0.0	24.3	307.8

----- PROGR. 52.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	27799.5	-4559.2	0.0	13926.3	-105.0	-352.3
7-1	25644.6	-4809.6	0.0	12703.7	-162.8	-327.3

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
5-1	|si| 3|Sx	Si	445.8	0.0	0.0	445.8
7-1	|si| 5	Tz	183.5	-14.4	0.0	185.2
5-1	|si| 9	Ty	305.5	0.0	38.0	312.5

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19298.0	-3392.3	0.0	14321.1	-16.2	-467.2
7-1	18914.9	-2151.9	0.0	12703.7	-141.0	-441.8
5-1	20523.8	-2835.9	0.0	13926.3	-91.9	-479.2

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si	
6-1	|si| 3|Sx	Si	414.3	0.0	0.0	414.3
7-1	|si| 5	Tz	211.6	-16.1	0.0	213.4
5-1	|si| 9	Ty	306.0	0.0	51.7	318.9

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	10011.5	-3109.6	0.0	14319.8	-16.2	-594.1
7-1	10181.8	124.5	0.0	12703.7	-119.2	-556.3
5-1	11028.0	-1341.3	0.0	13926.3	-78.9	-606.1

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | 379.9| 0.0| 0.0| 379.9|
| 7- 1|si| 5| Tz | 245.7| -17.9| 0.0| 247.6|
| 5- 1|si| 9| Ty | 306.5| 0.0| 65.4| 326.8|
-----
PROGR. 105.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -1495.1| -2826.9| 0.0| 14318.6| -16.2| -720.9|
| 5- 1| -688.0| -75.5| 0.0| 13926.3| -65.8| -732.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | 348.2| 0.0| 0.0| 348.2|
| 5- 1|si| 5| Tz | 309.2| -19.7| 0.0| 311.0|
| 5- 1|si| 9| Ty | 306.9| 0.0| 79.1| 336.1|
-----
PROGR. 122.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -15221.7| -2544.2| 0.0| 14317.3| -16.2| -847.8|
| 5- 1| -14624.0| 961.5| 0.0| 13926.3| -52.7| -859.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | 392.1| 0.0| 0.0| 392.1|
| 5- 1|si| 5| Tz | 358.5| -22.1| 0.0| 360.6|
| 5- 1|si| 9| Ty | 307.3| 0.0| 92.7| 346.7|
-----
PROGR. 140.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -31168.5| -2261.5| 0.0| 14316.0| -16.2| -974.7|
| 5- 1| -30780.1| 1769.7| 0.0| 13926.3| -39.6| -986.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | 443.5| 0.0| 0.0| 443.5|
| 5- 1|si| 5| Tz | 415.0| -24.5| 0.0| 417.2|
| 5- 1|si| 9| Ty | 307.5| 0.0| 106.4| 358.6|
-----
VERIFICA STABILITA` :
|L0 = 140.0|
Z |Lc = 140.0|Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|
Y |Lc = 140.0|Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|
Casol2-11 - Nodo 1 - Asse Y
Ned = -245.7|Mzeq = 8823.4|Myeq = -3926.3|Ss = -74.1 ( 0.028)

P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 318- 759) 1282
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| 21449.7| -66.2| 220.0|
| 7- 1| 0.0| 0.0| 0.0| 19866.9| -121.5| 193.2|
| 6- 1| 0.0| 0.0| 0.0| 20196.3| 14.7| 233.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | 472.8| 0.0| 0.0| 472.8|
| 7- 1|si| 6| Tz | 437.9| -9.6| 0.0| 438.2|
| 6- 1|si| 9| Ty | 445.2| 0.0| -25.2| 447.3|
| 5- 1|si| 9| Si | 472.8| 0.0| -23.7| 474.6|
-----
PROGR. 18.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 2739.2| 1043.8| 0.0| 21449.7| -53.1| 93.1|
| 7- 1| 2378.5| 1936.2| 0.0| 19866.9| -99.7| 78.7|
| 6- 1| 2972.4| -257.8| 0.0| 20195.1| 14.7| 106.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 492.3| 0.0| 0.0| 492.3|
| 7- 1|si| 6| Tz | 426.1| -6.0| 0.0| 426.2|
| 6- 1|si| 9| Ty | 445.1| 0.0| -11.5| 445.5|
-----
PROGR. 35.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 3258.3| 1858.9| 0.0| 21449.7| -40.0| -33.8|
| 7- 1| 2753.7| 3491.0| 0.0| 19866.9| -78.0| -35.8|
| 12-14| -638.7| -375.3| 0.0| 8398.2| 10.7| -45.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 502.0| 0.0| 0.0| 502.0|
| 7- 1|si| 5| Tz | 435.4| -4.1| 0.0| 435.4|
| 12-14|si| 9| Ty | 185.0| 0.0| 4.9| 185.2|
-----
PROGR. 52.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1557.3| 2445.2| 0.0| 21449.7| -27.0| -160.6|
| 7- 1| 1125.5| 4664.6| 0.0| 19866.9| -56.2| -150.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 501.9| 0.0| 0.0| 501.9|
| 7- 1|si| 5| Tz | 443.2| -5.8| 0.0| 443.3|
| 5- 1|si| 9| Ty | 473.6| 0.0| 17.3| 474.5|
-----
PROGR. 70.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -2363.8| 2802.7| 0.0| 21449.7| -13.9| -287.5|
| 7- 1| -2506.0| 5457.0| 0.0| 19866.9| -34.4| -264.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | 508.1| 0.0| 0.0| 508.1|
| 7- 1|si| 5| Tz | 457.1| -7.6| 0.0| 457.2|
| 5- 1|si| 9| Ty | 473.7| 0.0| 31.0| 476.7|

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Copertura area carburante - Relazione di calcolo

-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	-8505.0	2931.5	0.0	21449.7	-0.8	-414.4	|	
| 6- 1|	-7338.7	-1289.1	0.0	20190.0	14.7	-401.0	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 5- 1|	si| 1|	Sx	Si	530.2	0.0	0.0	530.2	
| 6- 1|	si| 6|	Tz	472.5	9.9	0.0	472.8	|	
| 5- 1|	si| 9|	Ty	473.8	0.0	44.7	480.0	|	
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	-16866.3	2831.5	0.0	21449.7	12.3	-541.2	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 5- 1|	si| 1|	Sx	Si	557.7	0.0	0.0	557.7	
| 5- 1|	si| 6|	Tz	524.6	13.0	0.0	525.1	|	
| 5- 1|	si| 9|	Ty	473.7	0.0	58.4	484.4	|	
-----							PROGR.	122.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	-27447.7	2502.7	0.0	21449.7	25.3	-668.1	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 5- 1|	si| 1|	Sx	Si	590.4	0.0	0.0	590.4	
| 5- 1|	si| 6|	Tz	561.2	16.5	0.0	561.9	|	
| 5- 1|	si| 9|	Ty	473.6	0.0	72.1	489.8	|	
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	-40249.2	1945.2	0.0	21449.7	38.4	-794.9	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 5- 1|	si| 1|	Sx	Si	628.5	0.0	0.0	628.5	
| 5- 1|	si| 6|	Tz	605.8	20.0	0.0	606.8	|	
| 5- 1|	si| 9|	Ty	473.4	0.0	85.7	496.2	|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.								
P_HEA180_S017 (17) stato limite ultimo - ASTA (597- 761)							1283	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	17334.6	-10750.9	0.0	-14460.6	-135.8	451.0	|	
| 7- 1|	15891.5	-14775.1	0.0	-12833.4	-210.2	402.4	|	
| 6- 1|	17553.1	-4125.2	0.0	-15160.2	-21.0	457.7	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 5- 1|	si| 1|	Sx	Si	-482.3	0.0	0.0	482.3	
| 7- 1|	si| 6|	Tz	-308.1	-18.1	0.0	309.7	|	
| 6- 1|	si| 9|	Ty	-335.5	0.0	-49.4	346.2	|	
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	24117.7	-8489.6	0.0	-14460.6	-122.7	324.2	|	
| 7- 1|	21932.5	-11286.7	0.0	-12833.4	-188.4	288.0	|	
| 6- 1|	24453.0	-3757.9	0.0	-15161.4	-21.0	330.9	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 5- 1|	si| 1|	Sx	Si	-483.3	0.0	0.0	483.3	
| 7- 1|	si| 6|	Tz	-335.4	-14.6	0.0	336.4	|	
| 6- 1|	si| 9|	Ty	-335.4	0.0	-35.7	341.1	|	
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	28680.8	-6457.0	0.0	-14460.6	-109.6	197.3	|	
| 7- 1|	25970.1	-8179.5	0.0	-12833.4	-166.7	173.5	|	
| 6- 1|	29132.9	-3390.6	0.0	-15162.7	-21.0	204.0	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 5- 1|	si| 1|	Sx	Si	-479.1	0.0	0.0	479.1	
| 7- 1|	si| 6|	Tz	-355.2	-11.0	0.0	355.7	|	
| 6- 1|	si| 9|	Ty	-335.3	0.0	-22.0	337.5	|	
-----							PROGR.	52.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 6- 1|	31592.6	-3023.3	0.0	-15164.0	-21.0	77.1	|	
| 11-11|	6504.2	-1786.4	0.0	-4468.5	200.7	44.5	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 6- 1|	si| 1|	Sx	Si	-471.0	0.0	0.0	471.0	
| 11-11|	si| 5|	Tz	-124.1	9.5	0.0	125.2	|	
| 6- 1|	si| 9|	Ty	-335.2	0.0	-8.3	335.5	|	
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 6- 1|	31832.3	-2656.0	0.0	-15165.2	-21.0	-49.7	|	
| 11- 6|	7969.8	4254.6	0.0	-2394.9	-208.6	-54.2	|	
| 5- 1|	31146.7	-3078.2	0.0	-14460.6	-83.5	-56.4	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No	massimi	Sx	Tz	Ty	Si	|	
| 6- 1|	si| 1|	Sx	Si	-468.3	0.0	0.0	468.3	
| 11- 6|	si| 5|	Tz	-71.6	-10.0	0.0	73.7	|	
| 5- 1|	si| 9|	Ty	-319.7	0.0	6.1	319.9	|	
-----							PROGR.	88.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 6- 1|	29851.9	-2288.8	0.0	-15166.5	-21.0	-176.6	|	

Copertura area carburante - Relazione di calcolo

```

| 11- 6|          6786.9| 7904.7|          0.0| -2394.9| -208.6| -81.0|
| 5- 1|          29049.4| -1732.0|          0.0| -14460.6| -70.4| -183.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -458.0| 0.0| 0.0| 458.0|
| 11- 6|si| 5| Tz | | -60.5| -10.6| 0.0| 63.2|
| 5- 1|si| 9| Ty | | -319.3| 0.0| 19.8| 321.1|
----- PROGR. 105.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 25651.4| -1921.5| 0.0| -15167.7| -21.0| -303.5|
| 11- 6| 5133.9| 11554.9| 0.0| -2394.9| -208.6| -107.9|
| 5- 1| 24732.1| -614.5| 0.0| -14460.6| -57.3| -310.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -440.2| 0.0| 0.0| 440.2|
| 11- 6|si| 5| Tz | | -47.7| -11.3| 0.0| 51.6|
| 5- 1|si| 9| Ty | | -318.9| 0.0| 33.5| 324.2|
----- PROGR. 122.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 19230.8| -1554.2| 0.0| -15169.0| -21.0| -430.3|
| 5- 1| 18194.7| 274.2| 0.0| -14460.6| -44.2| -437.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -414.8| 0.0| 0.0| 414.8|
| 5- 1|si| 5| Tz | | -380.0| -12.0| 0.0| 380.6|
| 5- 1|si| 9| Ty | | -318.7| 0.0| 47.1| 329.0|
----- PROGR. 140.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 10590.1| -1186.9| 0.0| -15170.3| -21.0| -557.2|
| 5- 1| 9437.2| 934.1| 0.0| -14460.6| -31.2| -563.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx | Si | -381.9| 0.0| 0.0| 381.9|
| 5- 1|si| 5| Tz | | -349.0| -14.3| 0.0| 349.9|
| 5- 1|si| 9| Ty | | -318.4| 0.0| 60.8| 335.4|
-----

```

VERIFICA STABILITA' :

```

|L0 = 140.0|
Z |Lc = 140.0|Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|
Y |Lc = 140.0|Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -14460.6|Mzeq = 31146.7|Myeq = -8063.2|Ss = -532.6 ( 0.203)

```

```

P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 598- 763) 1284
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 48445.4| -2022.1| 0.0| -19410.0| -72.0| 267.9|
| 7- 1| 44672.2| -4713.4| 0.0| -17369.7| -137.1| 232.2|
| 6- 1| 47192.1| 1751.3| 0.0| -19665.1| 22.6| 282.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -612.1| 0.0| 0.0| 612.1|
| 7- 1|si| 6| Tz | | -525.5| -11.1| 0.0| 525.9|
| 6- 1|si| 9| Ty | | -432.9| 0.0| -30.4| 436.1|
----- PROGR. 18.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 51021.6| 1356.2| 0.0| -19666.3| 22.6| 155.4|
| 7- 1| 47734.4| -2504.1| 0.0| -17369.7| -115.4| 117.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -620.1| 0.0| 0.0| 620.1|
| 7- 1|si| 6| Tz | | -540.2| -7.6| 0.0| 540.4|
| 6- 1|si| 9| Ty | | -433.1| 0.0| -16.8| 434.0|
----- PROGR. 35.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 52630.9| 961.0| 0.0| -19667.6| 22.6| 28.5|
| 7- 2| 10674.5| 1643.5| 0.0| -6154.4| 119.1| 39.0|
| 11- 6| 14691.2| -4773.9| 0.0| -2994.1| 15.9| -51.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -621.7| 0.0| 0.0| 621.7|
| 7- 2|si| 5| Tz | | -168.7| 5.9| 0.0| 169.0|
| 11- 6|si| 9| Ty | | -67.5| 0.0| 5.5| 68.2|
----- PROGR. 52.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 52020.2| 565.9| 0.0| -19668.8| 22.6| -98.3|
| 7- 1| 47848.7| 770.7| 0.0| -17369.7| -71.8| -111.2|
| 5- 1| 52520.9| 727.2| 0.0| -19410.0| -32.8| -112.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -615.8| 0.0| 0.0| 615.8|
| 7- 1|si| 5| Tz | | -544.0| -5.6| 0.0| 544.1|
| 5- 1|si| 9| Ty | | -427.6| 0.0| 12.2| 428.1|
----- PROGR. 70.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 49439.2| 1186.1| 0.0| -19410.0| -19.7| -239.5|
| 7- 1| 44900.8| 1836.2| 0.0| -17369.7| -50.0| -225.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | Si | -607.4| 0.0| 0.0| 607.4|

```

Copertura area carburante - Relazione di calcolo

| 7- 1|si| 5| Tz	| -531.9|	-7.3|	0.0|	532.0|			
| 5- 1|si| 9| Ty	| -427.5|	0.0|	25.8|	429.8|			
-----				PROGR.	88.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 5- 1|	44137.4|	1416.3|	0.0|	-19410.0|	-6.6|	-366.4|	
| 6- 1|	44138.5|	-224.4|	0.0|	-19671.4|	22.6|	-352.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi	| Sx	| Tz	| Ty	| Si			
| 5- 1|si| 2|Sx	Si	-591.6|	0.0|	0.0|	591.6|		
| 6- 1|si| 6| Tz		-583.2|	9.1|	0.0|	583.4|		
| 5- 1|si| 9| Ty		-427.4|	0.0|	39.5|	432.8|		
-----				PROGR.	105.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 5- 1|	36615.5|	1417.6|	0.0|	-19410.0|	6.5|	-493.3|	
| 6- 1|	36867.5|	-619.5|	0.0|	-19672.6|	22.6|	-478.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi	| Sx	| Tz	| Ty	| Si			
| 5- 1|si| 2|Sx	Si	-566.1|	0.0|	0.0|	566.1|		
| 6- 1|si| 6| Tz		-557.7|	12.0|	0.0|	558.1|		
| 5- 1|si| 9| Ty		-427.4|	0.0|	53.2|	437.2|		
-----				PROGR.	122.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 6- 1|	27376.4|	-1014.7|	0.0|	-19673.9|	22.6|	-605.8|	
| 5- 1|	26873.5|	1190.2|	0.0|	-19410.0|	19.5|	-620.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi	| Sx	| Tz	| Ty	| Si			
| 6- 1|si| 1|Sx	Si	-536.6|	0.0|	0.0|	536.6|		
| 5- 1|si| 6| Tz		-521.5|	15.2|	0.0|	522.1|		
| 5- 1|si| 9| Ty		-427.5|	0.0|	66.9|	442.9|		
-----				PROGR.	140.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 6- 1|	15665.2|	-1409.8|	0.0|	-19675.1|	22.6|	-732.6|	
| 5- 1|	14911.5|	734.1|	0.0|	-19410.0|	32.6|	-747.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi	| Sx	| Tz	| Ty	| Si			
| 6- 1|si| 1|Sx	Si	-500.6|	0.0|	0.0|	500.6|		
| 5- 1|si| 6| Tz		-479.9|	18.6|	0.0|	481.0|		
| 5- 1|si| 9| Ty		-427.6|	0.0|	80.6|	449.8|		
-----				PROGR.	140.		
VERIFICA STABILITA` :							
|L0 = 140.0|							
Z |Lc = 140.0|Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|							
Y |Lc = 140.0|Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|							
Caso 6- 1 - Nodo 2 - Asse Y							
Ned = -19675.1|Mzeq = 52630.9|Myeq = 1313.5|Ss = -664.8 (0.254)							
P_HEA180_S017 (17)				stato limite ultimo - ASTA (599- 765)		1285	
-----				PROGR.	0.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 7- 1|	35416.7|	-15117.9|	0.0|	5405.1|	-228.3|	81.6|	
| 6- 1|	35238.0|	-4571.0|	0.0|	6024.4|	-16.3|	121.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi	| Sx	| Tz	| Ty	| Si			
| 7- 1|si| 3|Sx	Si	386.6|	0.0|	0.0|	386.6|		
| 7- 1|si| 6| Tz		28.2|	-11.5|	0.0|	34.5|		
| 6- 1|si| 9| Ty		131.3|	0.0|	-13.1|	133.2|		
-----				PROGR.	18.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 7- 1|	35842.9|	-11313.5|	0.0|	5405.1|	-206.5|	-32.9|	
| 11- 8|	13985.9|	-6132.2|	0.0|	1828.2|	-216.3|	-63.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi	| Sx	| Tz	| Ty	| Si			
| 7- 1|si| 3|Sx	Si	351.1|	0.0|	0.0|	351.1|		
| 11- 8|si| 5| Tz		-19.2|	-10.6|	0.0|	26.5|		
| 11- 8|si| 9| Ty		38.3|	0.0|	6.9|	40.1|		
-----				PROGR.	35.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 5- 1|	37030.0|	-6554.3|	0.0|	5768.3|	-118.3|	-150.4|	
| 11- 8|	12634.8|	-2346.6|	0.0|	1828.2|	-216.3|	-90.6|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi	| Sx	| Tz	| Ty	| Si			
| 5- 1|si| 3|Sx	Si	316.8|	0.0|	0.0|	316.8|		
| 11- 8|si| 5| Tz		-7.2|	-11.2|	0.0|	20.7|		
| 5- 1|si| 9| Ty		125.0|	0.0|	16.2|	128.1|		
-----				PROGR.	52.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 5- 1|	33288.6|	-4599.1|	0.0|	5768.3|	-105.2|	-277.2|	
| 7- 1|	30685.4|	-4848.3|	0.0|	5405.1|	-162.9|	-261.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi	| Sx	| Tz	| Ty	| Si			
| 5- 1|si| 3|Sx	Si	285.0|	0.0|	0.0|	285.0|		
| 7- 1|si| 5| Tz		5.4|	-12.9|	0.0|	23.0|		
| 5- 1|si| 9| Ty		125.7|	0.0|	29.9|	135.9|		
-----				PROGR.	70.		
SOLLECITAZIONI :							
| Caso | MZ	| MY	| MT	| N	| TZ	| TY		
| 6- 1|	25958.6|	-3428.3|	0.0|	6019.3|	-16.3|	-386.3|	
| 7- 1|	25101.5|	-2187.7|	0.0|	5405.1|	-141.1|	-376.3|	
| 5- 1|	27327.1|	-2872.8|	0.0|	5768.3|	-92.1|	-404.1|	
TENSIONI (Sz= 0.00) :							

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	254.3	0.0	0.0
7- 1	|si	5	Tz		29.6	-14.6	0.0
5- 1	|si	9	Ty		126.2	0.0	43.6

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	|	18088.5	-3142.6	0.0	6018.1	-16.3
7- 1	|	17514.3	91.7	0.0	5405.1	-119.4
5- 1	|	19145.5	-1375.1	0.0	5768.3	-79.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	224.7	0.0	0.0
7- 1	|si	5	Tz		59.8	-16.4	0.0
5- 1	|si	9	Ty		126.7	0.0	57.3

105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	|	-87.0	12790.1	0.0	3766.0	-216.4
7- 1	|	7923.7	1989.7	0.0	5405.1	-97.6
5- 1	|	8743.9	-106.3	0.0	5768.3	-66.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	|si	1	Sx	Si	207.8	0.0	0.0
7- 1	|si	5	Tz		96.1	-18.1	0.0
5- 1	|si	9	Ty		127.1	0.0	71.0

122.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	|	-3714.9	16576.3	0.0	3766.0	-216.4
5- 1	|	-3877.9	933.8	0.0	5768.3	-52.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	|si	1	Sx	Si	257.0	0.0	0.0
5- 1	|si	5	Tz		142.1	-20.4	0.0
5- 1	|si	9	Ty		127.5	0.0	84.6

140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	|	-7812.9	20362.4	0.0	3766.0	-216.4
5- 1	|	-18719.8	1745.1	0.0	5768.3	-39.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	|si	1	Sx	Si	307.7	0.0	0.0
5- 1	|si	5	Tz		194.2	-22.7	0.0
5- 1	|si	9	Ty		127.7	0.0	98.3

212.9

VERIFICA STABILITA` :

$l_0 = 140.0$
 $Z \quad |Lc = 140.0 | Ro = 7.45 | lm = 18.8 | ncr = 2660631.5 | \alpha(b) = 0.3400 | ki = 0.9941 |$
 $Y \quad |Lc = 140.0 | Ro = 4.51 | lm = 31.0 | ncr = 977844.4 | \alpha(c) = 0.4900 | ki = 0.9197 |$
 Caso11-12 - Nodo 1 - Asse Y
 $Ned = -461.5 | Mzeq = 6892.7 | Myeq = -15916.2 | Ss = -189.5 (0.072)$

P_HEA180_S017 (17) stato limite ultimo - ASTA (336- 767) 1286
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	0.0	0.0	0.0	11313.0	-76.4
7- 1	|	0.0	0.0	0.0	10558.6	-134.4
6- 1	|	0.0	0.0	0.0	10116.6	9.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	1	Sx	Si	249.4	0.0	0.0
7- 1	|si	6	Tz		232.7	-12.6	0.0
6- 1	|si	9	Ty		223.0	0.0	-37.8
5- 1	|si	9	Si		249.4	0.0	-36.5

18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	4940.3	1261.2	0.0	11313.0	-62.8
7- 1	|	4391.9	2232.3	0.0	10558.6	-111.9
6- 1	|	5168.0	-171.0	0.0	10115.3	9.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	278.4	0.0	0.0
7- 1	|si	6	Tz		213.5	-8.9	0.0
6- 1	|si	9	Ty		222.9	0.0	-23.7

36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	|	7499.1	2277.0	0.0	11313.0	-49.3
7- 1	|	6634.8	4055.7	0.0	10558.6	-89.3
6- 1	|	7954.6	-342.1	0.0	10114.0	9.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	297.0	0.0	0.0
7- 1	|si	6	Tz		202.3	-5.2	0.0
6- 1	|si	9	Ty		222.8	0.0	-9.5

54.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	|	6728.7	5470.0	0.0	10558.6	-66.7
11- 8	|	154.8	4426.8	0.0	4960.4	-81.4
5- 1	|	7676.3	3047.4	0.0	11313.0	-35.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	4	Sx	Si	308.8	0.0	0.0

308.8

Copertura area carburante - Relazione di calcolo

| 11- 8|si| 5|	Tz	|	117.4|	-4.3|	0.0|	117.7|		
| 5- 1|si| 9|	Ty	|	250.4|	0.0|	6.0|	250.6|		
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	4673.5|		6475.3|		0.0|		10558.6|	
| 5- 1|	5472.1|		3572.4|		0.0|		11313.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 7- 1|si| 4|Sx	Si	|	311.6|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	229.5|		-5.8|		0.0|	
| 5- 1|si| 9|	Ty	|	250.5|		0.0|		20.2|	
-----							PROGR.	91.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	469.3|		7071.7|		0.0|		10558.6|	
| 5- 1|	886.4|		3851.9|		0.0|		11313.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 7- 1|si| 4|Sx	Si	|	303.2|		0.0|		0.0|	
| 5- 1|si| 5|	Tz	|	253.9|		-7.7|		0.0|	
| 5- 1|si| 9|	Ty	|	250.6|		0.0|		34.4|	
-----							PROGR.	109.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	-5883.9|		7259.0|		0.0|		10558.6|	
| 5- 1|	-6080.9|		3886.1|		0.0|		11313.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 7- 1|si| 1|Sx	Si	|	323.4|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	262.5|		10.6|		0.0|	
| 5- 1|si| 9|	Ty	|	250.6|		0.0|		48.5|	
-----							PROGR.	127.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	-14386.2|		7037.3|		0.0|		10558.6|	
| 5- 1|	-15429.6|		3674.9|		0.0|		11313.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 7- 1|si| 1|Sx	Si	|	350.1|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	294.6|		14.2|		0.0|	
| 5- 1|si| 9|	Ty	|	250.6|		0.0|		62.7|	
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	-25037.4|		6406.7|		0.0|		10558.6|	
| 5- 1|	-27159.9|		3218.3|		0.0|		11313.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 7- 1|si| 1|Sx	Si	|	380.2|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	335.4|		17.8|		0.0|	
| 5- 1|si| 9|	Ty	|	250.4|		0.0|		76.9|	
-----							PROGR.	145.
VERIFICA STABILITA` :								
|L0 = 145. |								
Z |Lc = 145. |Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|								
Y |Lc = 145. |Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|								
Casol2- 3 - Nodo 1 - Asse Y								
Ned = -794.9|Mzeq = 2877.0|Myeq = -2902.6|Ss = -57.2 (0.022)								
P_HEA180_S017 (17) stato limite ultimo - ASTA (642- 769) 1287								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	21644.6|		-13362.8|		0.0|		-8538.1|	
| 6- 1|	23561.1|		-2736.6|		0.0|		-9766.7|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 7- 1|si| 1|Sx	Si	|	-391.8|		0.0|		0.0|	
| 7- 1|si| 6|	Tz	|	-235.7|		-15.2|		0.0|	
| 6- 1|si| 9|	Ty	|	-216.2|		0.0|		-40.8|	
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	29122.8|		-7474.9|		0.0|		-9543.0|	
| 7- 1|	26617.3|		-10336.8|		0.0|		-8538.1|	
| 6- 1|	29221.4|		-2785.3|		0.0|		-9768.0|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-382.1|		0.0|		0.0|	
| 7- 1|si| 6|	Tz	|	-258.5|		-11.5|		0.0|	
| 6- 1|si| 9|	Ty	|	-216.2|		0.0|		-26.6|	
-----							PROGR.	36.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	32338.2|		-5926.1|		0.0|		-9543.0|	
| 7- 1|	29441.0|		-7719.8|		0.0|		-8538.1|	
| 6- 1|	32500.2|		-2834.1|		0.0|		-9769.3|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-377.9|		0.0|		0.0|	
| 7- 1|si| 6|	Tz	|	-273.2|		-7.8|		0.0|	
| 6- 1|si| 9|	Ty	|	-216.3|		0.0|		-12.4|	
-----							PROGR.	54.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	33172.0|		-4622.7|		0.0|		-9543.0|	
| 11- 5|	9225.7|		-5515.6|		0.0|		-1342.4|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 1|Sx	Si	|	-377.9|		0.0|		0.0|	
| 7- 1|si| 6|	Tz	|	-273.2|		-7.8|		0.0|	
| 6- 1|si| 9|	Ty	|	-216.3|		0.0|		-12.4|	
-----							PROGR.	54.

Copertura area carburante - Relazione di calcolo

```

| 12- 2|      10275.6| -2018.1|      0.0| -1616.3|      -46.4|      -47.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -368.1|      0.0|      0.0| 368.1|
| 11- 5|si| 5|  Tz |      -71.7|     -7.6|      0.0| 72.9|
| 12- 2|si| 9|  Ty |      -36.3|      0.0|      5.1| 37.4|
-----
PROGR.      72.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      31624.4| -3564.7|      0.0| -9543.0|     -51.6|    -151.1|
| 11- 5|      8135.5| -2679.5|      0.0| -1342.4|    -156.5|    -74.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx   Si| -352.5|      0.0|      0.0| 352.5|
| 11- 5|si| 5|  Tz |      -62.5|     -8.3|      0.0| 64.1|
| 5- 1|si| 9|  Ty |     -211.5|      0.0|     16.3| 213.4|
-----
PROGR.      91.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      28047.7| -2980.2|      0.0| -9773.3|      2.7|    -279.0|
| 11- 5|      6541.0| 156.6|      0.0| -1342.4|    -156.5|    -101.9|
| 5- 1|      27695.2| -2752.2|      0.0| -9543.0|     -38.1|    -282.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx   Si| -339.7|      0.0|      0.0| 339.7|
| 11- 5|si| 5|  Tz |     -51.5|     -8.9|      0.0| 53.8|
| 5- 1|si| 9|  Ty |     -211.2|      0.0|     30.5| 217.7|
-----
PROGR.     109.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      21800.5| -3028.9|      0.0| -9774.6|      2.7|    -410.4|
| 5- 1|      21384.6| -2185.0|      0.0| -9543.0|     -24.5|    -413.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx   Si| -319.0|      0.0|      0.0| 319.0|
| 5- 1|si| 5|  Tz |     -287.3|    -10.6|      0.0| 287.9|
| 5- 1|si| 9|  Ty |     -211.1|      0.0|     44.6| 224.8|
-----
PROGR.     127.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      13171.8| -3077.6|      0.0| -9775.9|      2.7|    -541.8|
| 5- 1|      12692.5| -1863.2|      0.0| -9543.0|     -11.0|    -545.3|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx   Si| -290.2|      0.0|      0.0| 290.2|
| 5- 1|si| 5|  Tz |     -257.1|    -13.1|      0.0| 258.1|
| 5- 1|si| 9|  Ty |     -211.0|      0.0|     58.8| 234.3|
-----
PROGR.     145.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      2161.6| -3126.4|      0.0| -9777.2|      2.7|    -673.2|
| 5- 1|      1618.8| -1786.8|      0.0| -9543.0|      2.6|    -676.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx   Si| -253.3|      0.0|      0.0| 253.3|
| 5- 1|si| 6|  Tz |     -212.4|     15.7|      0.0| 214.1|
| 5- 1|si| 9|  Ty |     -210.9|      0.0|     73.0| 245.9|
-----

```

VERIFICA STABILITA` :

```

|L0 = 145. |
Z |Lc = 145. |Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|
Y |Lc = 145. |Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -9543.0|Mzeq = 32855.8|Myeq = -6951.8|Ss = -410.8 ( 0.157)

```

```

P_HEA180_S017 ( 17)      stato limite ultimo - ASTA ( 643- 771) 1288
-----
PROGR.      0.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      30453.2| -14027.0|      0.0| 4065.1|    -228.9|    153.2|
| 6- 1|      30745.8| -3516.1|      0.0| 4927.1|     -12.1|    188.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 3|Sx   Si| 329.6|      0.0|      0.0| 329.6|
| 7- 1|si| 6|  Tz |      13.4|    -13.2|      0.0| 26.5|
| 6- 1|si| 9|  Ty |     107.5|      0.0|    -20.3| 113.1|
-----
PROGR.     18.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      32156.0| -10082.8|      0.0| 4065.1|    -206.3|    34.7|
| 6- 1|      32962.3| -3296.4|      0.0| 4925.8|     -12.1|    56.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 3|Sx   Si| 297.0|      0.0|      0.0| 297.0|
| 7- 1|si| 6|  Tz |      0.0|     -9.5|      0.0| 16.4|
| 6- 1|si| 9|  Ty |     107.5|      0.0|     -6.1| 108.0|
-----
PROGR.     36.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      34388.8| -5323.3|      0.0| 4387.8|    -115.8|    -83.9|
| 7- 1|      31709.9| -6547.6|      0.0| 4065.1|    -183.8|    -83.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx   Si| 265.4|      0.0|      0.0| 265.4|
| 7- 1|si| 5|  Tz |      -30.9|     -9.7|      0.0| 35.1|
| 7- 1|si| 9|  Ty |      87.5|      0.0|      9.0| 88.9|
-----
PROGR.     54.

```

```

SOLLECITAZIONI      :

```

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6-1	30250.9	-2856.8	0.0	4923.2	-12.1	-206.2
7-1	29114.6	-3421.4	0.0	4065.1	-161.2	-202.5
5-1	31678.0	-3347.9	0.0	4387.8	-102.2	-215.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	|Sx	239.1	0.0	0.0	239.1
7-1	|si	5	|Tz	-16.0	-11.5	0.0	25.5
5-1	|si	9	|Ty	95.6	0.0	23.2	103.7

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	25322.9	-2637.1	0.0	4921.9	-12.1	-337.6
7-1	24370.4	-704.2	0.0	4065.1	-138.6	-321.0
5-1	26585.6	-1618.0	0.0	4387.8	-88.7	-346.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	|Sx	220.2	0.0	0.0	220.2
7-1	|si	5	|Tz	5.4	-13.2	0.0	23.6
5-1	|si	9	|Ty	96.2	0.0	37.4	116.0

PROGR. 91.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18013.4	-2417.3	0.0	4920.6	-12.1	-469.0
7-1	17477.1	1604.0	0.0	4065.1	-116.1	-439.6
5-1	19111.8	-133.4	0.0	4387.8	-75.1	-478.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	|Sx	193.2	0.0	0.0	193.2
7-1	|si	5	|Tz	33.3	-15.0	0.0	42.3
5-1	|si	9	|Ty	96.7	0.0	51.6	131.6

PROGR. 109.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	8322.4	-2197.6	0.0	4919.3	-12.1	-600.4
7-1	8434.9	3503.2	0.0	4065.1	-93.5	-558.2
5-1	9256.4	1105.7	0.0	4387.8	-61.6	-609.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	|Sx	158.1	0.0	0.0	158.1
7-1	|si	5	|Tz	67.8	-16.8	0.0	73.8
5-1	|si	9	|Ty	97.1	0.0	65.7	149.6
6-1	|si	14	|Si	129.3	0.0	60.3	166.3

PROGR. 127.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-2756.4	4993.4	0.0	4065.1	-70.9	-676.7
5-1	-2980.5	2099.4	0.0	4387.8	-48.1	-740.8
6-1	-3750.0	-1977.8	0.0	4918.0	-12.1	-731.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	1	|Sx	147.6	0.0	0.0	147.6
5-1	|si	5	|Tz	110.9	-19.1	0.0	115.8
5-1	|si	9	|Ty	97.4	0.0	79.9	169.2
6-1	|si	10	|Si	109.0	0.0	78.9	174.9

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-16096.8	6074.6	0.0	4065.1	-48.4	-795.3
5-1	-17598.8	2847.8	0.0	4387.8	-34.5	-872.2
6-1	-18204.0	-1758.1	0.0	4916.7	-12.1	-863.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	1	|Sx	203.4	0.0	0.0	203.4
5-1	|si	5	|Tz	162.1	-21.6	0.0	166.3
5-1	|si	9	|Ty	97.6	0.0	94.1	190.0
6-1	|si	12	|Si	153.1	0.0	86.7	214.5

VERIFICA STABILITA` :

|L0 = 145.1
 Z |Lc = 145.1 |Ro = 7.45 |Im = 19.5 |Ncr = 2480303.3 |alfa(b) = 0.3400 |ki = 0.9914 |
 Y |Lc = 145.1 |Ro = 4.51 |Im = 32.1 |Ncr = 911569.6 |alfa(c) = 0.4900 |ki = 0.9131 |
 Caso12-16 - Nodo 2 - Asse Y
 Ned = -2856.1 |Mzeq = 11061.0 |Myeq = 1125.6 |Ss = -117.6 (0.045)

P_HEA180_S017 (17) stato limite ultimo - ASTA (354- 773) 1289
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	3771.7	-93.2	467.8
7-1	0.0	0.0	0.0	3612.6	-161.5	420.1
6-1	0.0	0.0	0.0	2876.7	8.0	476.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	1	|Sx	83.1	0.0	0.0	83.1
7-1	|si	6	|Tz	79.6	-16.5	0.0	84.6
6-1	|si	9	|Ty	63.4	0.0	-51.4	109.2
5-1	|si	9	|Si	83.1	0.0	-50.5	120.6

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	7450.4	3151.3	0.0	3612.6	-135.1	281.1
6-1	8481.0	-170.4	0.0	2875.2	8.0	322.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	4	|Sx	135.6	0.0	0.0	135.6
7-1	|si	6	|Tz	48.2	-12.2	0.0	52.6
6-1	|si	9	|Ty	63.3	0.0	-34.7	87.4

Copertura area carburante - Relazione di calcolo

----- PROGR. 42.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	11946.7	5740.3	0.0	3612.6	-108.6	142.1
11-13	3713.1	-6897.5	0.0	-1183.2	162.3	54.8
6- 1	13688.4	-340.7	0.0	2873.7	8.0	168.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	4	Sx	Si	176.1	0.0	0.0	176.1
11-13	si	5	Tz		-52.1	8.1	0.0	54.0
6- 1	si	9	Ty		63.2	0.0	-18.1	70.6

----- PROGR. 64.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	13489.2	7767.2	0.0	3612.6	-82.2	3.1
11-13	4530.0	-10346.3	0.0	-1183.2	162.3	22.1
12-13	1591.4	2964.3	0.0	3721.1	-46.5	-24.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	4	Sx	Si	201.1	0.0	0.0	201.1
11-13	si	5	Tz		-61.6	7.3	0.0	62.9
12-13	si	9	Ty		83.0	0.0	2.6	83.1

----- PROGR. 85.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	12077.7	9231.8	0.0	3612.6	-55.7	-135.9
11- 4	857.3	13531.5	0.0	3246.6	-159.2	-55.1
5- 1	13576.6	5226.9	0.0	3771.7	-29.7	-148.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	4	Sx	Si	210.5	0.0	0.0	210.5
11- 4	si	5	Tz		95.0	-8.0	0.0	96.0
5- 1	si	9	Ty		84.8	0.0	16.0	89.2

----- PROGR. 106.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 4	-661.2	16914.4	0.0	3246.6	-159.2	-87.8
5- 1	8787.0	5690.3	0.0	3771.7	-13.9	-302.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 4	si	1	Sx	Si	238.4	0.0	0.0	238.4
11- 4	si	5	Tz		106.7	-8.7	0.0	107.8
5- 1	si	9	Ty		85.0	0.0	32.6	102.0

----- PROGR. 128.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 4	-2872.8	20297.2	0.0	3246.6	-159.2	-120.4
6- 1	1783.2	-1022.2	0.0	2867.5	8.0	-448.2
5- 1	723.9	5816.4	0.0	3771.7	2.0	-456.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 4	si	1	Sx	Si	278.9	0.0	0.0	278.9
6- 1	si	6	Tz		59.1	10.7	0.0	62.0
5- 1	si	9	Ty		85.0	0.0	49.2	120.4

----- PROGR. 149.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 4	-5777.5	23680.1	0.0	3246.6	-159.2	-153.0
5- 1	-10612.7	5605.2	0.0	3771.7	17.9	-610.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 4	si	1	Sx	Si	321.7	0.0	0.0	321.7
5- 1	si	6	Tz		108.3	14.9	0.0	111.3
5- 1	si	9	Ty		85.0	0.0	65.9	142.2

----- PROGR. 170.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 4	-9375.4	27063.0	0.0	3246.6	-159.2	-185.6
5- 1	-25222.8	5056.7	0.0	3771.7	33.7	-764.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 4	si	1	Sx	Si	366.8	0.0	0.0	366.8
5- 1	si	6	Tz		159.0	19.1	0.0	162.4
5- 1	si	9	Ty		84.8	0.0	82.5	166.1

----- PROGR. 21.

VERIFICA STABILITA` :

|L0 = 170. |
 Z |Lc = 170. |Ro = 7.45 |lm = 22.8 |Ncr= 1804442.1 |alfa(b)=0.3400 |ki=0.9776 |
 Y |Lc = 170. |Ro = 4.51 |lm = 37.7 |Ncr= 663174.8 |alfa(c)=0.4900 |ki=0.8793 |
 Caso11-13 - Nodo 1 - Asse Y
 Ned = -1183.2 |Mzeq = 3647.1 |Myeq = -20692.6 |Ss = -243.8 (0.093)

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----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	39104.2	-17043.4	0.0	-11803.7	-210.7	309.8
6- 1	42951.9	-2725.9	0.0	-13442.7	1.3	351.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	1	Sx	Si	-558.9	0.0	0.0	558.9
7- 1	si	6	Tz		-359.9	-16.0	0.0	361.0
6- 1	si	9	Ty		-297.2	0.0	-37.9	304.3

----- PROGR. 21.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	48536.1	-8969.7	0.0	-13241.7	-110.0	195.1
7- 1	44211.2	-12847.0	0.0	-11803.7	-184.2	170.8

Copertura area carburante - Relazione di calcolo

----- PROGR. 20.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	5019.6	1431.7	0.0	15289.1	-64.7	180.9
11-14	1511.8	-4674.4	0.0	1157.3	235.5	60.9
6- 1	5213.7	-254.6	0.0	14253.4	12.8	190.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	368.0	0.0	0.0	368.0
11-14	si	5	Tz	11.3	11.3	0.0	22.6	
6- 1	si	9	Ty	314.1	0.0	-20.6	316.1	

----- PROGR. 40.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	7182.8	2569.0	0.0	15289.1	-49.9	37.0
11-14	2418.7	-9348.7	0.0	1157.3	235.5	30.5
8- 1	7017.8	-460.0	0.0	12336.8	11.6	46.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	386.4	0.0	0.0	386.4
11-14	si	5	Tz	-0.9	10.6	0.0	18.4	
8- 1	si	9	Ty	271.8	0.0	-5.1	271.9	

----- PROGR. 60.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	6489.7	3412.1	0.0	15289.1	-35.1	-106.9
11- 3	-563.2	13730.1	0.0	6481.3	-230.6	-55.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	392.3	0.0	0.0	392.3
11- 3	si	5	Tz	171.5	-11.0	0.0	172.6	
5- 1	si	9	Ty	338.1	0.0	11.5	338.7	

----- PROGR. 79.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	2431.3	7378.2	0.0	14065.3	-43.5	-229.1
11- 3	-1960.5	18306.8	0.0	6481.3	-230.6	-85.6
5- 1	2940.1	3960.7	0.0	15289.1	-20.2	-250.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	4	Sx	Si	390.1	0.0	0.0	390.1
11- 3	si	5	Tz	185.2	-11.7	0.0	186.3	
5- 1	si	9	Ty	338.3	0.0	27.0	341.5	

----- PROGR. 99.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	-3404.7	7996.3	0.0	14065.3	-18.8	-358.9
11- 3	-3962.7	22883.5	0.0	6481.3	-230.6	-116.1
5- 1	-3465.8	4215.1	0.0	15289.1	-5.4	-394.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	1	Sx	Si	399.4	0.0	0.0	399.4
11- 3	si	5	Tz	200.9	-12.4	0.0	202.0	
5- 1	si	9	Ty	338.4	0.0	42.6	346.3	

----- PROGR. 119.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 3	-6569.6	27460.2	0.0	6481.3	-230.6	-146.6
5- 1	-12728.1	4175.1	0.0	15289.1	9.4	-538.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 3	si	1	Sx	Si	432.5	0.0	0.0	432.5
11- 3	si	5	Tz	218.6	-13.1	0.0	219.8	
5- 1	si	9	Ty	338.4	0.0	58.1	353.0	

----- PROGR. 139.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 3	-9781.3	32036.9	0.0	6481.3	-230.6	-177.0
5- 1	-24846.8	3840.8	0.0	15289.1	24.3	-682.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 3	si	1	Sx	Si	487.9	0.0	0.0	487.9
5- 1	si	6	Tz	414.0	16.8	0.0	415.0	
5- 1	si	9	Ty	338.3	0.0	73.6	361.5	

----- PROGR. 159.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 3	-13597.9	36613.6	0.0	6481.3	-230.6	-207.5
5- 1	-39821.8	3212.1	0.0	15289.1	39.1	-826.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 3	si	1	Sx	Si	545.4	0.0	0.0	545.4
5- 1	si	6	Tz	466.1	20.7	0.0	467.5	
5- 1	si	9	Ty	338.0	0.0	89.1	371.6	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	43218.5	-12413.2	0.0	-32362.1	-147.5	460.3
7- 1	39615.5	-17580.9	0.0	-29143.7	-231.8	410.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-981.0	0.0	0.0	981.0
7- 1	si	6	Tz	-742.8	-19.2	0.0	743.5	
5- 1	si	9	Ty	-717.4	0.0	-49.6	722.5	

----- PROGR. 20.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	50926.7	-9633.3	0.0	-32362.1	-132.6	316.4
7- 1	46464.9	-13224.3	0.0	-29143.7	-207.1	280.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-980.2	0.0	0.0	980.2
7- 1	si	6	Tz		-774.6	-15.2	0.0	775.0
5- 1	si	9	Ty		-716.5	0.0	-34.1	718.9

----- PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	55778.5	-7147.7	0.0	-32362.1	-117.8	172.5
7- 1	50736.8	-9358.3	0.0	-29143.7	-182.4	150.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-972.4	0.0	0.0	972.4
7- 1	si	6	Tz		-796.6	-11.1	0.0	796.8
5- 1	si	9	Ty		-715.7	0.0	-18.6	716.4

----- PROGR. 60.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	57774.0	-4956.4	0.0	-32362.1	-103.0	28.6
7- 1	52431.1	-5982.9	0.0	-29143.7	-157.7	20.4
12-16	10150.9	3471.2	0.0	-8584.6	24.9	58.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-957.9	0.0	0.0	957.9
7- 1	si	6	Tz		-808.9	-7.1	0.0	809.0
12-16	si	9	Ty		-188.1	0.0	-6.3	188.4

----- PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	56913.0	-3059.5	0.0	-32362.1	-88.1	-115.3
7- 1	51547.9	-3098.0	0.0	-29143.7	-133.0	-109.4
6- 1	57366.2	-2616.5	0.0	-32483.3	-18.3	-117.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-936.5	0.0	0.0	936.5
7- 1	si	5	Tz		-823.6	-8.1	0.0	823.7
6- 1	si	9	Ty		-716.9	0.0	12.7	717.2

----- PROGR. 99.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	53602.3	-2252.5	0.0	-32484.7	-18.3	-261.6
7- 1	48087.1	-703.6	0.0	-29143.7	-108.3	-239.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-920.1	0.0	0.0	920.1
7- 1	si	5	Tz		-807.2	-10.1	0.0	807.4
6- 1	si	9	Ty		-716.8	0.0	28.2	718.4

----- PROGR. 119.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	46982.0	-1888.4	0.0	-32486.2	-18.3	-405.5
7- 1	42048.8	1200.1	0.0	-29143.7	-83.6	-369.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-894.1	0.0	0.0	894.1
7- 1	si	5	Tz		-782.9	-12.0	0.0	783.2
6- 1	si	9	Ty		-716.7	0.0	43.7	720.7

----- PROGR. 139.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	37505.4	-1524.3	0.0	-32487.6	-18.3	-549.4
5- 1	37191.9	865.3	0.0	-32362.1	-43.7	-547.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-858.4	0.0	0.0	858.4
5- 1	si	5	Tz		-838.0	-14.5	0.0	838.4
6- 1	si	9	Ty		-716.6	0.0	59.3	723.9

----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	24905.5	1584.9	0.0	-32362.1	-28.8	-690.9
6- 1	25172.3	-1160.3	0.0	-32489.0	-18.3	-693.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-813.4	0.0	0.0	813.4
5- 1	si	5	Tz		-794.9	-17.2	0.0	795.4
6- 1	si	9	Ty		-716.5	0.0	74.8	728.1

----- PROGR. 0.

VERIFICA STABILITA` :

L0 = 159.0
Z |Lc = 159.0|Ro = 7.45|lm = 21.3|Ncr= 2067948.9|alfa(b)=0.3400|ki=0.9838|
Y |Lc = 159.0|Ro = 4.51|lm = 35.2|Ncr= 760019.7|alfa(c)=0.4900|ki=0.8946|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -32362.1|Mzeq = 57774.0|Myeq = -9309.9|Ss = -1091.5 (0.417)

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----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	84999.5	-3254.4	0.0	-41778.4	-84.8	266.2
7- 1	77703.9	-6742.8	0.0	-37654.0	-158.5	232.4
6- 1	83762.0	1752.3	0.0	-41067.2	22.8	270.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-813.4	0.0	0.0	813.4
5- 1	si	5	Tz		-794.9	-17.2	0.0	795.4
6- 1	si	9	Ty		-716.5	0.0	74.8	728.1

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -723.7| 0.0| 0.0| 723.7|
| 7- 1|si| 6| Tz | -492.9| -13.4| 0.0| 493.5|
| 6- 1|si| 9| Ty | -300.6| 0.0| -14.8| 301.6|
----- PROGR. 20.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 75520.2| -10924.6| 0.0| -15190.8| -147.8| -12.0|
| 7- 1| 68930.5| -14324.3| 0.0| -13572.0| -233.3| -18.4|
| 11- 3| 25455.4| -10952.8| 0.0| -6270.8| -52.7| -43.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -697.8| 0.0| 0.0| 697.8|
| 7- 1|si| 5| Tz | -561.3| -10.2| 0.0| 561.6|
| 11- 3|si| 9| Ty | -141.8| 0.0| 4.7| 142.0|
----- PROGR. 40.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 73857.8| -8141.1| 0.0| -15190.8| -133.0| -155.7|
| 7- 1| 67279.4| -9944.1| 0.0| -13572.0| -208.6| -148.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -665.1| 0.0| 0.0| 665.1|
| 7- 1|si| 5| Tz | -547.1| -12.2| 0.0| 547.5|
| 5- 1|si| 9| Ty | -337.5| 0.0| 16.8| 338.7|
----- PROGR. 59.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 69346.1| -5651.2| 0.0| -15190.8| -118.2| -299.4|
| 7- 1| 63057.3| -6053.2| 0.0| -13572.0| -183.9| -277.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -625.5| 0.0| 0.0| 625.5|
| 7- 1|si| 5| Tz | -525.2| -14.2| 0.0| 525.8|
| 5- 1|si| 9| Ty | -336.7| 0.0| 32.3| 341.3|
----- PROGR. 79.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 61985.3| -3455.0| 0.0| -15190.8| -103.4| -443.1|
| 7- 1| 56264.1| -2651.6| 0.0| -13572.0| -159.2| -407.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -579.1| 0.0| 0.0| 579.1|
| 7- 1|si| 5| Tz | -495.5| -16.1| 0.0| 496.3|
| 5- 1|si| 9| Ty | -336.0| 0.0| 47.8| 346.0|
----- PROGR. 99.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 51775.3| -1552.3| 0.0| -15190.8| -88.6| -586.9|
| 7- 1| 46899.8| 260.6| 0.0| -13572.0| -134.6| -537.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -525.9| 0.0| 0.0| 525.9|
| 7- 1|si| 5| Tz | -458.0| -18.1| 0.0| 459.1|
| 5- 1|si| 9| Ty | -335.3| 0.0| 63.3| 352.8|
----- PROGR. 119.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 38716.1| 56.8| 0.0| -15190.8| -73.8| -730.6|
| 7- 1| 34964.5| 2683.5| 0.0| -13572.0| -109.9| -666.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -467.0| 0.0| 0.0| 467.0|
| 7- 1|si| 5| Tz | -412.8| -20.0| 0.0| 414.2|
| 5- 1|si| 9| Ty | -334.8| 0.0| 78.8| 361.6|
| 5- 1|si| 5| Si | -466.3| -20.0| 0.0| 467.6|
----- PROGR. 139.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22807.7| 1372.3| 0.0| -15190.8| -59.0| -874.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -425.7| 0.0| 0.0| 425.7|
| 5- 1|si| 5| Tz | -409.7| -22.7| 0.0| 411.6|
| 5- 1|si| 9| Ty | -334.4| 0.0| 94.3| 372.2|
----- PROGR. 159.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 4050.1| 2394.2| 0.0| -15190.8| -44.1| -1018.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -371.9| 0.0| 0.0| 371.9|
| 5- 1|si| 5| Tz | -343.9| -25.4| 0.0| 346.7|
| 5- 1|si| 9| Ty | -334.1| 0.0| 109.8| 384.4|
| 5- 1|si|12| Si | -345.4| 0.0| 102.3| 388.2|

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VERIFICA STABILITA` :
|L0 = 159.1
Z |Lc = 159. |Ro = 7.45|lm = 21.3|Ncr= 2073167.7|alfa(b)=0.3400|ki=0.9839|
Y |Lc = 159. |Ro = 4.51|lm = 35.1|Ncr= 761937.7|alfa(c)=0.4900|ki=0.8949|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -15190.8|Mzeq = 70703.7|Myeq = -10501.2|Ss = -720.5 ( 0.275)

P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 751- 543) 1297
----- PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

6- 1	6040.1	-2848.4	0.0	-12039.1	20.3	879.2
| 5- 1|	4013.4|	936.6|	0.0|	-10572.3|	45.6|	881.0|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	1|Sx	-313.6|	0.0|	0.0|	313.6|	
| 5- 1|	5| Tz	-244.9|	22.3|	0.0|	247.9|	
| 5- 1|	9| Ty	-232.7|	0.0|	-95.0|	285.1|	
| 6- 1|	11| Si	-280.9|	0.0|	-88.3|	319.9|	
----- PROGR. 18.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	20315.4|	-3204.4|	0.0|	-12040.4|	20.3|	752.3|
| 5- 1|	18320.6|	24.2|	0.0|	-10572.3|	58.7|	754.1|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	1|Sx	-365.6|	0.0|	0.0|	365.6|	
| 5- 1|	5| Tz	-295.2|	19.9|	0.0|	297.3|	
| 5- 1|	9| Ty	-233.0|	0.0|	-81.3|	272.3|	
----- PROGR. 35.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	32370.6|	-3560.5|	0.0|	-12041.7|	20.3|	625.4|
| 7- 1|	27244.6|	904.6|	0.0|	-9320.6|	103.8|	569.0|
| 5- 1|	30407.6|	-1117.0|	0.0|	-10572.3|	71.7|	627.3|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	1|Sx	-410.1|	0.0|	0.0|	410.1|	
| 7- 1|	5| Tz	-296.3|	17.5|	0.0|	297.8|	
| 5- 1|	9| Ty	-233.4|	0.0|	-67.7|	261.2|	
----- PROGR. 52.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	42205.7|	-3916.5|	0.0|	-12042.9|	20.3|	498.6|
| 7- 1|	36200.5|	-1102.0|	0.0|	-9320.6|	125.6|	454.5|
| 5- 1|	40274.7|	-2486.9|	0.0|	-10572.3|	84.8|	500.4|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	1|Sx	-447.0|	0.0|	0.0|	447.0|	
| 7- 1|	5| Tz	-330.6|	15.8|	0.0|	331.7|	
| 5- 1|	9| Ty	-233.8|	0.0|	-54.0|	251.8|	
----- PROGR. 70.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	49820.7|	-4272.6|	0.0|	-12044.2|	20.3|	371.7|
| 7- 1|	43153.0|	-3489.9|	0.0|	-9320.6|	147.3|	340.0|
| 5- 1|	47921.6|	-4085.6|	0.0|	-10572.3|	97.9|	373.5|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	1|Sx	-476.4|	0.0|	0.0|	476.4|	
| 7- 1|	5| Tz	-358.9|	14.1|	0.0|	359.7|	
| 5- 1|	9| Ty	-234.4|	0.0|	-40.3|	244.5|	
----- PROGR. 88.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	55215.7|	-4628.6|	0.0|	-12045.4|	20.3|	244.9|
| 7- 1|	48102.1|	-6259.0|	0.0|	-9320.6|	169.1|	225.6|
| 5- 1|	53348.4|	-5913.0|	0.0|	-10572.3|	111.0|	246.7|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	1|Sx	-498.2|	0.0|	0.0|	498.2|	
| 7- 1|	5| Tz	-381.1|	12.3|	0.0|	381.7|	
| 5- 1|	9| Ty	-235.0|	0.0|	-26.6|	239.4|	
----- PROGR. 105.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	58390.5|	-4984.6|	0.0|	-12046.7|	20.3|	118.0|
| 7- 1|	51047.9|	-9409.4|	0.0|	-9320.6|	190.9|	111.1|
| 5- 1|	56555.1|	-7969.3|	0.0|	-10572.3|	124.0|	119.8|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 6- 1|	1|Sx	-512.5|	0.0|	0.0|	512.5|	
| 7- 1|	5| Tz	-397.2|	10.6|	0.0|	397.7|	
| 5- 1|	9| Ty	-235.6|	0.0|	-12.9|	236.7|	
----- PROGR. 122.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	57541.7|	-10254.3|	0.0|	-10572.3|	137.1|	-7.1|
| 7- 1|	51990.3|	-12941.2|	0.0|	-9320.6|	212.7|	-3.4|
| 12- 6|	26311.3|	-2284.7|	0.0|	-9219.0|	12.9|	37.9|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|	1|Sx	-528.4|	0.0|	0.0|	528.4|	
| 7- 1|	6| Tz	-356.9|	9.0|	0.0|	357.3|	
| 12- 6|	9| Ty	-204.0|	0.0|	-4.1|	204.1|	
----- PROGR. 140.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	56308.3|	-12768.0|	0.0|	-10572.3|	150.2|	-133.9|
| 7- 1|	50929.3|	-16854.2|	0.0|	-9320.6|	234.5|	-117.9|
| 6- 1|	58079.9|	-5696.7|	0.0|	-12049.2|	20.3|	-135.7|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|	1|Sx	-548.7|	0.0|	0.0|	548.7|	
| 7- 1|	6| Tz	-345.7|	12.6|	0.0|	346.4|	
| 6- 1|	9| Ty	-267.4|	0.0|	14.6|	268.6|	

VERIFICA STABILITA` :

|L0 = 140.|

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA` :

|L0 = 140.
 Z |Lc = 140. |Ro = 7.45 |lm = 18.8 |Ncr= 2660631.5 |alfa (b)=0.3400 |ki=0.9941
 Y |Lc = 140. |Ro = 4.51 |lm = 31.0 |Ncr= 977844.4 |alfa (c)=0.4900 |ki=0.9197
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -33877.0 |Mzeq = 71808.6 |Myeq = -1478.6 |Ss = -1074.0 (0.410)

P_HEA180_S017 (17) stato limite ultimo - ASTA (755- 545) 1301
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	22299.2|	-1384.6|	0.0|	-25281.9|	22.4|	592.8|
5- 1|	21871.0|	742.2|	0.0|	-25124.5|	32.3|	610.6|

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-646.5|	0.0|	0.0|	646.5|
5- 1|si| 5| Tz				-626.7|	15.5|	0.0|	627.3|
5- 1|si| 9| Ty				-553.6|	0.0|	-65.9|	565.2|

 ----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	31562.5|	-1776.9|	0.0|	-25283.2|	22.4|	465.9|
5- 1|	31445.7|	62.4|	0.0|	-25124.5|	45.4|	483.7|

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-681.9|	0.0|	0.0|	681.9|
5- 1|si| 5| Tz				-660.5|	13.1|	0.0|	660.9|
5- 1|si| 9| Ty				-553.8|	0.0|	-52.2|	561.1|

 ----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	38605.7|	-2169.2|	0.0|	-25284.5|	22.4|	339.0|
7- 1|	35244.6|	232.9|	0.0|	-22720.3|	80.4|	329.8|
5- 1|	38800.4|	-846.2|	0.0|	-25124.5|	58.5|	356.8|

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-709.6|	0.0|	0.0|	709.6|
7- 1|si| 5| Tz				-620.1|	11.0|	0.0|	620.4|
5- 1|si| 9| Ty				-554.1|	0.0|	-38.5|	558.1|

 ----- PROGR. 52.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	43428.8|	-2561.5|	0.0|	-25285.7|	22.4|	212.2|
7- 1|	40014.5|	-1364.4|	0.0|	-22720.3|	102.2|	215.3|
5- 1|	43934.9|	-1983.5|	0.0|	-25124.5|	71.5|	230.0|

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx	Si			-729.9|	0.0|	0.0|	729.9|
7- 1|si| 5| Tz				-639.4|	9.3|	0.0|	639.6|
5- 1|si| 9| Ty				-554.4|	0.0|	-24.8|	556.1|

 ----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	46849.4|	-3349.6|	0.0|	-25124.5|	84.6|	103.1|
7- 1|	42781.0|	-3343.0|	0.0|	-22720.3|	124.0|	100.8|

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-745.6|	0.0|	0.0|	745.6|
7- 1|si| 5| Tz				-652.7|	7.5|	0.0|	652.8|
5- 1|si| 9| Ty				-554.9|	0.0|	-11.1|	555.2|

 ----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	47543.7|	-4944.5|	0.0|	-25124.5|	97.7|	-23.8|
7- 1|	43544.2|	-5702.9|	0.0|	-22720.3|	145.7|	-13.6|
8- 1|	41662.6|	-3039.0|	0.0|	-22993.2|	20.3|	-43.3|

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-763.5|	0.0|	0.0|	763.5|
7- 1|si| 6| Tz				-637.7|	6.4|	0.0|	637.8|
8- 1|si| 9| Ty				-507.8|	0.0|	4.7|	507.9|

 ----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	46018.0|	-6768.1|	0.0|	-25124.5|	110.7|	-150.6|
7- 1|	42304.0|	-8444.1|	0.0|	-22720.3|	167.5|	-128.1|
6- 1|	44577.6|	-3738.5|	0.0|	-25289.5|	22.4|	-168.4|

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-776.1|	0.0|	0.0|	776.1|
7- 1|si| 6| Tz				-628.1|	10.0|	0.0|	628.4|
6- 1|si| 9| Ty				-558.7|	0.0|	18.2|	559.5|

 ----- PROGR. 122.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	42272.1|	-8820.6|	0.0|	-25124.5|	123.8|	-277.5|
7- 1|	39060.4|	-11566.5|	0.0|	-22720.3|	189.3|	-242.6|
6- 1|	40520.3|	-4130.8|	0.0|	-25290.8|	22.4|	-295.3|

 TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|Sx	Si			-783.3|	0.0|	0.0|	783.3|
7- 1|si| 6| Tz				-611.0|	13.6|	0.0|	611.5|
6- 1|si| 9| Ty				-558.8|	0.0|	31.8|	561.5|

 ----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	36306.2|	-11101.7|	0.0|	-25124.5|	136.9|	-404.3|
7- 1|	33813.4|	-15070.2|	0.0|	-22720.3|	211.1|	-357.1|

Copertura area carburante - Relazione di calcolo

| 6- 1|	34242.9|	-4523.1|	0.0|	-25292.0|	22.4|	-422.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 1|	Sx |	-785.2|	0.0|	0.0|	785.2|
| 7- 1|	|si| 6|	Tz |	-586.4|	17.1|	0.0|	587.1|
| 6- 1|	|si| 9|	Ty |	-559.0|	0.0|	45.5|	564.5|

VERIFICA STABILITA` :

|LO = 140. |
Z |Lc = 140. |Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|
Y |Lc = 140. |Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -25124.5|Mzeq = 47543.7|Myeq = -8326.3|Ss = -848.4 (0.324)

P_HEA180_S017 (17) stato limite ultimo - ASTA (757- 318) 1303
----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-31168.5|	-2261.5|	0.0|	14316.0|	-16.2|	730.1|
| 5- 1|	-30780.1|	1769.7|	0.0|	13926.3|	-39.6|	727.3|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 2|	Sx |	443.5|	0.0|	0.0|	443.5|
| 5- 1|	|si| 6|	Tz |	408.1|	-18.5|	0.0|	409.4|
| 6- 1|	|si| 9|	Ty |	314.8|	0.0|	-78.7|	343.1|

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-19502.1|	-1978.8|	0.0|	14314.8|	-16.2|	603.2|
| 5- 1|	-19162.3|	2349.2|	0.0|	13926.3|	-26.6|	600.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 2|	Sx |	401.1|	0.0|	0.0|	401.1|
| 5- 1|	|si| 6|	Tz |	367.5|	-15.0|	0.0|	368.4|
| 6- 1|	|si| 9|	Ty |	314.9|	0.0|	-65.1|	334.4|

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	-9007.9|	5787.1|	0.0|	12703.7|	-10.2|	429.2|
| 6- 1|	-10055.8|	-1696.1|	0.0|	14313.5|	-16.2|	476.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1|	|si| 1|	Sx |	367.0|	0.0|	0.0|	367.0|
| 6- 1|	|si| 6|	Tz |	353.0|	-11.7|	0.0|	353.6|
| 6- 1|	|si| 9|	Ty |	315.0|	0.0|	-51.4|	327.3|

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	-2498.2|	5775.8|	0.0|	12703.7|	11.5|	314.7|
| 6- 1|	-2829.6|	-1413.5|	0.0|	14312.3|	-16.2|	349.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1|	|si| 1|	Sx |	344.7|	0.0|	0.0|	344.7|
| 6- 1|	|si| 6|	Tz |	327.8|	-8.8|	0.0|	328.2|
| 6- 1|	|si| 9|	Ty |	315.0|	0.0|	-37.7|	321.7|

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	2370.7|	2715.0|	0.0|	13926.3|	12.6|	219.9|
| 11- 6|	-1687.1|	7729.3|	0.0|	5795.6|	110.4|	77.8|
| 6- 1|	2176.5|	-1130.8|	0.0|	14311.0|	-16.2|	222.6|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 4|	Sx |	341.5|	0.0|	0.0|	341.5|
| 11- 6|	|si| 5|	Tz |	148.5|	6.4|	0.0|	148.9|
| 6- 1|	|si| 9|	Ty |	315.1|	0.0|	-24.0|	317.8|

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	5108.2|	2379.4|	0.0|	13926.3|	25.7|	93.0|
| 11- 6|	-560.2|	5797.0|	0.0|	5795.6|	110.4|	51.0|
| 6- 1|	4962.5|	-848.1|	0.0|	14309.7|	-16.2|	95.8|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 4|	Sx |	347.5|	0.0|	0.0|	347.5|
| 11- 6|	|si| 5|	Tz |	140.9|	5.8|	0.0|	141.3|
| 6- 1|	|si| 9|	Ty |	315.1|	0.0|	-10.3|	315.7|

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	5625.5|	1815.0|	0.0|	13926.3|	38.8|	-33.9|
| 11-11|	1699.0|	-4075.6|	0.0|	1863.8|	-116.4|	-21.7|
| 12- 6|	-538.9|	1097.8|	0.0|	7680.7|	31.4|	42.3|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|	|si| 4|	Sx |	343.8|	0.0|	0.0|	343.8|
| 11-11|	|si| 5|	Tz |	27.4|	-5.4|	0.0|	28.9|
| 12- 6|	|si| 9|	Ty |	169.7|	0.0|	-4.6|	169.8|

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	3874.3|	-282.7|	0.0|	14307.2|	-16.2|	-158.0|
| 7- 1|	3507.1|	1917.7|	0.0|	12703.7|	98.7|	-143.2|
| 5- 1|	3922.8|	1021.9|	0.0|	13926.3|	51.9|	-160.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 3|	Sx |	331.3|	0.0|	0.0|	331.3|
| 7- 1|	|si| 6|	Tz |	264.4|	7.5|	0.0|	264.7|

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 3|Sx	Si	615.1|	0.0|	0.0|	615.1|					
| 7- 1|si| 5| Tz		361.2|	9.4|	0.0|	361.6|					
| 11- 6|si| 9| Ty		127.1|	0.0|	-5.7|	127.5|					

PROGR.										
140.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 5- 1|	17334.6|	-10750.9|	0.0|	21449.7|	143.0|	-96.1|				
| 7- 1|	15891.5|	-14775.1|	0.0|	19866.9|	227.1|	-79.6|				
| 6- 1|	17553.1|	-4125.2|	0.0|	20176.2|	14.7|	-107.9|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 5- 1|si| 3|Sx	Si	636.3|	0.0|	0.0|	636.3|					
| 7- 1|si| 6| Tz		412.7|	11.4|	0.0|	413.1|					
| 6- 1|si| 9| Ty		443.4|	0.0|	11.6|	443.9|					

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.										
P_HEA180_S017 (17) stato limite ultimo - ASTA (761- 598) 1307										

PROGR.										
0.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	10590.1|	-1186.9|	0.0|	-15170.3|	-21.0|	768.9|				
| 5- 1|	9437.2|	934.1|	0.0|	-14460.6|	-31.2|	786.1|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 1|Sx	Si	-381.9|	0.0|	0.0|	381.9|					
| 5- 1|si| 6| Tz		-352.6|	-19.5|	0.0|	354.2|					
| 5- 1|si| 9| Ty		-318.4|	0.0|	-84.8|	350.7|					
| 6- 1|si| 11| Si		-360.4|	0.0|	-77.2|	384.5|					

PROGR.										
18.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	22935.6|	-819.6|	0.0|	-15171.5|	-21.0|	642.0|				
| 5- 1|	22083.6|	1365.3|	0.0|	-14460.6|	-18.1|	659.2|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 1|Sx	Si	-420.3|	0.0|	0.0|	420.3|					
| 5- 1|si| 6| Tz		-396.4|	-16.0|	0.0|	397.4|					
| 5- 1|si| 9| Ty		-318.3|	0.0|	-71.1|	341.3|					

PROGR.										
35.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	33061.1|	-452.4|	0.0|	-15172.8|	-21.0|	515.2|				
| 5- 1|	32509.8|	1567.6|	0.0|	-14460.6|	-5.0|	532.4|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 1|Sx	Si	-451.2|	0.0|	0.0|	451.2|					
| 6- 1|si| 6| Tz		-445.9|	-12.8|	0.0|	446.5|					
| 5- 1|si| 9| Ty		-318.2|	0.0|	-57.4|	333.4|					

PROGR.										
52.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	40966.5|	-85.1|	0.0|	-15174.0|	-21.0|	388.3|				
| 11- 8|	9358.0|	10198.8|	0.0|	-1913.2|	164.8|	139.1|				
| 5- 1|	40716.0|	1541.3|	0.0|	-14460.6|	8.0|	405.5|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 1|Sx	Si	-474.5|	0.0|	0.0|	474.5|					
| 11- 8|si| 5| Tz		-54.1|	10.1|	0.0|	56.9|					
| 5- 1|si| 9| Ty		-318.2|	0.0|	-43.7|	327.1|					

PROGR.										
70.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	46651.8|	282.2|	0.0|	-15175.3|	-21.0|	261.4|				
| 11- 8|	11556.5|	7314.6|	0.0|	-1913.2|	164.8|	112.2|				
| 5- 1|	46702.0|	1286.1|	0.0|	-14460.6|	21.1|	278.6|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 2|Sx	Si	-495.8|	0.0|	0.0|	495.8|					
| 11- 8|si| 5| Tz		-67.2|	9.5|	0.0|	69.2|					
| 5- 1|si| 9| Ty		-318.3|	0.0|	-30.1|	322.6|					

PROGR.										
88.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	50117.1|	649.5|	0.0|	-15176.6|	-21.0|	134.6|				
| 11- 8|	13284.8|	4430.4|	0.0|	-1913.2|	164.8|	85.3|				
| 5- 1|	50468.0|	802.2|	0.0|	-14460.6|	34.2|	151.8|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 2|Sx	Si	-511.2|	0.0|	0.0|	511.2|					
| 11- 8|si| 5| Tz		-78.7|	8.9|	0.0|	80.2|					
| 5- 1|si| 9| Ty		-318.5|	0.0|	-16.4|	319.7|					

PROGR.										
105.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	51362.2|	1016.8|	0.0|	-15177.8|	-21.0|	7.7|				
| 11- 8|	14543.2|	1546.3|	0.0|	-1913.2|	164.8|	58.5|				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |					
| 6- 1|si| 2|Sx	Si	-519.0|	0.0|	0.0|	519.0|					
| 11- 8|si| 5| Tz		-88.6|	8.3|	0.0|	89.7|					
| 11- 8|si| 9| Ty		-41.7|	0.0|	-6.3|	43.1|					

PROGR.										
122.										
SOLLECITAZIONI :										
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |				
| 6- 1|	50387.2|	1384.1|	0.0|	-15179.1|	-21.0|	-119.1|				
| 11- 9|	10156.3|	1807.5|	0.0|	-4950.2|	-172.7|	-51.9|				
TENSIONI (Sz= 0.00) :										
Caso	Ve No massimi	Sx	Tz	Ty	Si					

Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 2|Sx  Si| -519.3| 0.0| 0.0| 519.3|
| 11- 9|si| 5| Tz  | -140.1| -8.5| 0.0| 140.9|
| 6- 1|si| 9| Ty  | -334.1| 0.0| 12.9| 334.9|
-----
PROGR. 140.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 47192.1| 1751.3| 0.0| -15180.3| -21.0| -246.0|
| 7- 1| 44672.2| -4713.4| 0.0| -12833.4| 138.4| -196.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 2|Sx  Si| -512.0| 0.0| 0.0| 512.0|
| 7- 1|si| 6| Tz  | -425.5| 10.4| 0.0| 425.9|
| 6- 1|si| 9| Ty  | -334.0| 0.0| 26.5| 337.2|
-----
VERIFICA STABILITA` :
|L0 = 140. |
Z |Lc = 140. |Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|
Y |Lc = 140. |Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -15180.3|Mzeq = 51362.2|Myeq = 1313.5|Ss = -552.3 ( 0.211)
P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 763- 599) 1309
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 15665.2| -1409.8| 0.0| -19675.1| 22.6| 647.3|
| 5- 1| 14911.5| 734.1| 0.0| -19410.0| 32.6| 671.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -500.6| 0.0| 0.0| 500.6|
| 5- 1|si| 5| Tz  | -477.1| 16.9| 0.0| 478.0|
| 5- 1|si| 9| Ty  | -427.6| 0.0| -72.4| 445.6|
-----
PROGR. 18.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 25882.1| -1805.0| 0.0| -19676.4| 22.6| 520.4|
| 5- 1| 25549.4| 49.1| 0.0| -19410.0| 45.7| 544.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -539.2| 0.0| 0.0| 539.2|
| 5- 1|si| 5| Tz  | -514.6| 14.5| 0.0| 515.2|
| 5- 1|si| 9| Ty  | -427.8| 0.0| -58.7| 439.8|
-----
PROGR. 35.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 33878.9| -2200.1| 0.0| -19677.7| 22.6| 393.5|
| 7- 1| 30681.0| 222.2| 0.0| -17369.7| 80.7| 388.5|
| 5- 1| 33967.3| -864.6| 0.0| -19410.0| 58.7| 417.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -570.3| 0.0| 0.0| 570.3|
| 7- 1|si| 5| Tz  | -486.7| 12.4| 0.0| 487.2|
| 5- 1|si| 9| Ty  | -428.1| 0.0| -45.0| 435.2|
-----
PROGR. 52.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 39655.7| -2595.3| 0.0| -19678.9| 22.6| 266.7|
| 7- 1| 36478.7| -1381.3| 0.0| -17369.7| 102.5| 274.1|
| 5- 1| 40165.1| -2007.0| 0.0| -19410.0| 71.8| 290.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx  Si| -593.8| 0.0| 0.0| 593.8|
| 7- 1|si| 5| Tz  | -509.5| 10.6| 0.0| 509.9|
| 5- 1|si| 9| Ty  | -428.5| 0.0| -31.4| 431.9|
-----
PROGR. 70.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 44142.7| -3378.3| 0.0| -19410.0| 84.9| 163.9|
| 7- 1| 40273.1| -3366.1| 0.0| -17369.7| 124.3| 159.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -610.7| 0.0| 0.0| 610.7|
| 7- 1|si| 5| Tz  | -526.3| 8.9| 0.0| 526.5|
| 5- 1|si| 9| Ty  | -428.9| 0.0| -17.7| 430.0|
-----
PROGR. 88.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45900.3| -4978.3| 0.0| -19410.0| 98.0| 37.0|
| 7- 1| 42064.0| -5732.1| 0.0| -17369.7| 146.1| 45.1|
| 11- 8| 13395.4| -8616.6| 0.0| -3622.8| 24.8| 68.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -632.3| 0.0| 0.0| 632.3|
| 7- 1|si| 5| Tz  | -537.0| 7.2| 0.0| 537.1|
| 11- 8|si| 9| Ty  | -82.7| 0.0| -7.4| 83.6|
-----
PROGR. 105.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 45437.8| -6807.1| 0.0| -19410.0| 111.0| -89.9|
| 7- 1| 41851.6| -8479.4| 0.0| -17369.7| 167.9| -69.4|
| 6- 1| 43665.4| -3780.7| 0.0| -19682.7| 22.6| -113.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx  Si| -648.5| 0.0| 0.0| 648.5|
| 7- 1|si| 6| Tz  | -508.6| 8.7| 0.0| 508.8|
| 6- 1|si| 9| Ty  | -435.1| 0.0| 12.3| 435.6|
-----
PROGR. 122.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	42755.2	-8864.6	0.0	-19410.0	124.1	-216.7
7- 1|	39635.8|	-11608.0|	0.0|	-17369.7|	189.7|	-183.9|
6- 1|	40561.8|	-4175.9|	0.0|	-19684.0|	22.6|	-240.8|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-659.4|	0.0|	0.0|	659.4|	
7- 1|si| 6|	Tz	-495.0|	12.2|	0.0|	495.4|	
6- 1|si| 9|	Ty	-435.2|	0.0|	26.0|	437.6|	
----- PROGR. 140.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1|	37852.5|	-11150.9|	0.0|	-19410.0|	137.2|	-343.6|
7- 1|	35416.7|	-15117.9|	0.0|	-17369.7|	211.5|	-298.3|
6- 1|	35238.0|	-4571.0|	0.0|	-19685.2|	22.6|	-367.6|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
5- 1|si| 1|Sx	Si|	-665.0|	0.0|	0.0|	665.0|	
7- 1|si| 6|	Tz	-473.8|	15.8|	0.0|	474.6|	
6- 1|si| 9|	Ty	-435.4|	0.0|	39.7|	440.8|	
----- PROGR. 140.						
VERIFICA STABILITA` :						
|L0 = 140.0|						
Z	|Lc = 140.0|Ro = 7.45|lm = 18.8|Ncr= 2660631.5|alfa(b)=0.3400|ki=0.9941|					
Y	|Lc = 140.0|Ro = 4.51|lm = 31.0|Ncr= 977844.4|alfa(c)=0.4900|ki=0.9197|					
Caso 5- 1 - Nodo 1 - Asse Y						
Ned = -19410.0|Mzeq = 45900.3|Myeq = -8363.2|Ss = -705.3 (0.269)						
P_HEA180_S017 (17) stato limite ultimo - ASTA (765- 336) 1311						
----- PROGR. 0.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11- 5|	-7812.9|	20362.4|	0.0|	3673.8|	145.4|	163.3|
5- 1|	-18719.8|	1745.1|	0.0|	5768.3|	-39.8|	641.2|
6- 1|	-18842.4|	-2285.5|	0.0|	6014.3|	-16.3|	642.0|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
11- 5|si| 1|Sx	Si|	305.7|	0.0|	0.0|	305.7|	
5- 1|si| 6|	Tz	187.4|	-16.5|	0.0|	189.5|	
6- 1|si| 9|	Ty	131.8|	0.0|	-69.3|	178.2|	
----- PROGR. 18.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11- 5|	-5191.1|	17817.1|	0.0|	3673.8|	145.4|	136.4|
5- 1|	-8609.5|	2327.7|	0.0|	5768.3|	-26.8|	514.3|
6- 1|	-8716.8|	-1999.8|	0.0|	6013.0|	-16.3|	515.2|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
11- 5|si| 1|Sx	Si|	272.0|	0.0|	0.0|	272.0|	
5- 1|si| 6|	Tz	151.9|	-13.0|	0.0|	153.5|	
6- 1|si| 9|	Ty	131.9|	0.0|	-55.6|	163.3|	
----- PROGR. 35.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11- 5|	-3039.3|	15271.8|	0.0|	3673.8|	145.4|	109.5|
6- 1|	-811.2|	-1714.1|	0.0|	6011.8|	-16.3|	388.3|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
11- 5|si| 1|Sx	Si|	239.9|	0.0|	0.0|	239.9|	
6- 1|si| 6|	Tz	138.6|	-9.7|	0.0|	139.6|	
6- 1|si| 9|	Ty	132.0|	0.0|	-41.9|	150.6|	
----- PROGR. 52.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11- 5|	-1357.5|	12726.5|	0.0|	3673.8|	145.4|	82.7|
6- 1|	4874.2|	-1428.4|	0.0|	6010.5|	-16.3|	261.5|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
11- 5|si| 1|Sx	Si|	209.5|	0.0|	0.0|	209.5|	
11- 5|si| 5|	Tz	110.4|	8.0|	0.0|	111.2|	
6- 1|si| 9|	Ty	132.0|	0.0|	-28.2|	140.8|	
----- PROGR. 70.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
7- 1|	7393.2|	5371.3|	0.0|	5405.1|	33.2|	123.3|
11- 5|	-145.9|	10181.2|	0.0|	3673.8|	145.4|	55.8|
6- 1|	8339.5|	-1142.8|	0.0|	6009.3|	-16.3|	134.6|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
7- 1|si| 4|Sx	Si|	196.5|	0.0|	0.0|	196.5|	
11- 5|si| 5|	Tz	101.3|	7.4|	0.0|	102.1|	
6- 1|si| 9|	Ty	132.1|	0.0|	-14.5|	134.5|	
----- PROGR. 88.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
7- 1|	8549.9|	4600.4|	0.0|	5405.1|	54.9|	8.9|
11-12|	3088.2|	-7958.1|	0.0|	-369.3|	-151.6|	-18.5|
12- 2|	63.6|	2175.5|	0.0|	4918.1|	41.4|	39.1|
TENSIONI (Sz= 0.00) :						
Caso	Ve|No|massimi	Sx	Tz	Ty	Si	
7- 1|si| 4|Sx	Si|	193.0|	0.0|	0.0|	193.0|	
11-12|si| 5|	Tz	-34.1|	-6.8|	0.0|	36.1|	
12- 2|si| 9|	Ty	109.1|	0.0|	-4.2|	109.4|	
----- PROGR. 105.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
7- 1|	7703.3|	3448.2|	0.0|	5405.1|	76.7|	-105.6|
11-12|	2528.9|	-5305.4|	0.0|	-369.3|	-151.6|	-45.4|

Copertura area carburante - Relazione di calcolo

| 5- 1 |	8640.6 |	1808.9 |	0.0 |	5768.3 |	38.6 |	-120.0 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1 |	|si| 4 |	Sx Si |	178.9 |	0.0 |	0.0 |	178.9 |
| 11-12 |	|si| 5 |	Tz |	-27.1 |	-7.4 |	0.0 |	30.0 |
| 5- 1 |	|si| 9 |	Ty |	127.7 |	0.0 |	12.9 |	129.7 |
----- PROGR. 122.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	5430.4 |	1018.8 |	0.0 |	5768.3 |	51.7 |	-246.9 |
| 7- 1 |	4853.4 |	1914.7 |	0.0 |	5405.1 |	98.5 |	-220.1 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 4 |	Sx Si |	155.5 |	0.0 |	0.0 |	155.5 |
| 7- 1 |	|si| 6 |	Tz |	98.9 |	9.2 |	0.0 |	100.2 |
| 5- 1 |	|si| 9 |	Ty |	127.5 |	0.0 |	26.6 |	135.6 |
----- PROGR. 140.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	0.0 |	0.0 |	0.0 |	6004.2 |	-16.3 |	-372.9 |
| 7- 1 |	0.0 |	0.0 |	0.0 |	5405.1 |	120.3 |	-334.6 |
| 5- 1 |	0.0 |	0.0 |	0.0 |	5768.3 |	64.8 |	-373.7 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 4 |	Sx Si |	132.3 |	0.0 |	0.0 |	132.3 |
| 7- 1 |	|si| 6 |	Tz |	119.1 |	12.8 |	0.0 |	121.2 |
| 5- 1 |	|si| 9 |	Ty |	127.1 |	0.0 |	40.3 |	145.1 |
| 6- 1 |	|si| 9 |	Si |	132.3 |	0.0 |	40.2 |	149.6 |

VERIFICA STABILITA` :						
|L0 = 140. |						
Z |Lc = 140. |Ro = 7.45 |lm = 18.8 |Ncr= 2660631.5 |alfa(b)=0.3400 |ki=0.9941 |						
Y |Lc = 140. |Ro = 4.51 |lm = 31.0 |Ncr= 977844.4 |alfa(c)=0.4900 |ki=0.9197 |						
Caso11-12 - Nodo 1 - Asse Y						
Ned = -369.3 |Mzeq = 2501.1 |Myeq = -15916.2 |Ss = -172.3 (0.066)						
P_HEA180_S017 (17) stato limite ultimo - ASTA (767- 642) 1313						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1 |	-25037.4 |	6406.7 |	0.0 |	10558.6 |	46.1 |	796.2 |
| 5- 1 |	-27159.9 |	3218.3 |	0.0 |	11313.0 |	32.0 |	875.1 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1 |	|si| 1 |	Sx Si |	380.2 |	0.0 |	0.0 |	380.2 |
| 5- 1 |	|si| 5 |	Tz |	347.9 |	21.6 |	0.0 |	349.9 |
| 5- 1 |	|si| 9 |	Ty |	250.4 |	0.0 |	-94.4 |	299.1 |
----- PROGR. 18.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1 |	-11680.6 |	5367.0 |	0.0 |	10558.6 |	68.6 |	677.6 |
| 5- 1 |	-12488.9 |	2516.3 |	0.0 |	11313.0 |	45.5 |	743.7 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1 |	|si| 1 |	Sx Si |	324.7 |	0.0 |	0.0 |	324.7 |
| 5- 1 |	|si| 5 |	Tz |	296.7 |	19.1 |	0.0 |	298.5 |
| 5- 1 |	|si| 9 |	Ty |	250.2 |	0.0 |	-80.2 |	286.2 |
----- PROGR. 36.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1 |	-472.8 |	3918.3 |	0.0 |	10558.6 |	91.2 |	559.1 |
| 5- 1 |	-199.4 |	1568.8 |	0.0 |	11313.0 |	59.0 |	612.3 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1 |	|si| 1 |	Sx Si |	272.5 |	0.0 |	0.0 |	272.5 |
| 7- 1 |	|si| 5 |	Tz |	242.0 |	16.8 |	0.0 |	243.7 |
| 5- 1 |	|si| 9 |	TySi |	249.9 |	0.0 |	-66.0 |	274.8 |
----- PROGR. 54.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	9708.6 |	376.0 |	0.0 |	11313.0 |	72.6 |	481.0 |
| 7- 1 |	8586.0 |	2060.6 |	0.0 |	10558.6 |	113.8 |	440.5 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 4 |	Sx Si |	286.0 |	0.0 |	0.0 |	286.0 |
| 7- 1 |	|si| 5 |	Tz |	207.6 |	15.0 |	0.0 |	209.2 |
| 5- 1 |	|si| 9 |	Ty |	249.5 |	0.0 |	-51.9 |	265.2 |
----- PROGR. 72.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	17235.0 |	-1062.2 |	0.0 |	11313.0 |	86.1 |	349.6 |
| 7- 1 |	15495.8 |	-206.1 |	0.0 |	10558.6 |	136.3 |	321.9 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 3 |	Sx Si |	318.3 |	0.0 |	0.0 |	318.3 |
| 7- 1 |	|si| 5 |	Tz |	179.7 |	13.2 |	0.0 |	181.1 |
| 5- 1 |	|si| 9 |	Ty |	249.0 |	0.0 |	-37.7 |	257.4 |
----- PROGR. 91.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	22380.0 |	-2745.8 |	0.0 |	11313.0 |	99.7 |	218.2 |
| 7- 1 |	20256.5 |	-2881.7 |	0.0 |	10558.6 |	158.9 |	203.4 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 3 |	Sx Si |	352.1 |	0.0 |	0.0 |	352.1 |
| 7- 1 |	|si| 5 |	Tz |	158.3 |	11.4 |	0.0 |	159.5 |
5- 1	si 9	Ty	248.5	0.0	-23.5	251.8
----- PROGR. 109.						

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 25143.5 | -4674.9 | 0.0 | 11313.0 | 113.2 | 86.8 |
| 7- 1 | 22868.2 | -5966.4 | 0.0 | 10558.6 | 181.5 | 84.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si | 380.3 | 0.0 | 0.0 | 380.3 |
| 7- 1|si| 5|  Tz  | 143.4 | 9.6 | 0.0 | 144.4 |
| 5- 1|si| 9|  Ty  | 247.8 | 0.0 | -9.4 | 248.4 |
----- PROGR. 127.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | 23330.9 | -9460.1 | 0.0 | 10558.6 | 204.0 | -33.8 |
| 6- 1 | 25784.0 | -2565.6 | 0.0 | 10097.0 | 9.4 | -56.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 3|Sx  Si | 404.1 | 0.0 | 0.0 | 404.1 |
| 7- 1|si| 6|  Tz  | 171.9 | 9.4 | 0.0 | 172.6 |
| 6- 1|si| 9|  Ty  | 221.7 | 0.0 | 6.1 | 222.0 |
----- PROGR. 145.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | 21644.6 | -13362.8 | 0.0 | 10558.6 | 226.6 | -152.3 |
| 6- 1 | 23561.1 | -2736.6 | 0.0 | 10095.7 | 9.4 | -188.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 3|Sx  Si | 436.3 | 0.0 | 0.0 | 436.3 |
| 7- 1|si| 6|  Tz  | 185.2 | 13.0 | 0.0 | 186.6 |
| 6- 1|si| 9|  Ty  | 221.6 | 0.0 | 20.3 | 224.4 |
-----

VERIFICA STABILITA` :

|L0 = 145. |
Z |Lc = 145. |Ro = 7.45 |lm = 19.5 |Ncr= 2480303.3 |alfa(b)=0.3400 |ki=0.9914 |
Y |Lc = 145. |Ro = 4.51 |lm = 32.1 |Ncr= 911569.6 |alfa(c)=0.4900 |ki=0.9131 |
Caso12- 3 - Nodo 1 - Asse Y
Ned = -1025.5 |Mzeq = 8990.1 |Myeq = -2902.6 |Ss = -83.6 ( 0.032)

P_HEA180_S017 ( 17) stato limite ultimo - ASTA ( 769- 643) 1315
----- PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 2161.6 | -3126.4 | 0.0 | -9777.2 | 2.7 | 722.7 |
| 5- 1 | 1618.8 | -1786.8 | 0.0 | -9543.0 | 2.6 | 739.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | -253.3 | 0.0 | 0.0 | 253.3 |
| 5- 1|si| 5|  Tz  | -219.3 | 17.2 | 0.0 | 221.3 |
| 5- 1|si| 9|  Ty  | -210.9 | 0.0 | -79.8 | 252.2 |
| 6- 1|si| 9|  Si  | -216.5 | 0.0 | -78.0 | 255.2 |
----- PROGR. 18.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 14069.9 | -3175.1 | 0.0 | -9778.5 | 2.7 | 591.3 |
| 5- 1 | 13835.0 | -1955.8 | 0.0 | -9543.0 | 16.1 | 608.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | -294.3 | 0.0 | 0.0 | 294.3 |
| 5- 1|si| 5|  Tz  | -261.2 | 14.7 | 0.0 | 262.4 |
| 5- 1|si| 9|  Ty  | -211.0 | 0.0 | -65.6 | 239.6 |
----- PROGR. 36.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 23596.7 | -3223.8 | 0.0 | -9779.8 | 2.7 | 459.9 |
| 5- 1 | 23669.6 | -2370.2 | 0.0 | -9543.0 | 29.6 | 476.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | -327.1 | 0.0 | 0.0 | 327.1 |
| 5- 1|si| 5|  Tz  | -295.4 | 12.3 | 0.0 | 296.2 |
| 5- 1|si| 9|  Ty  | -211.1 | 0.0 | -51.4 | 229.1 |
----- PROGR. 54.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 30742.0 | -3272.5 | 0.0 | -9781.1 | 2.7 | 328.5 |
| 7- 1 | 28321.2 | -2571.9 | 0.0 | -8538.1 | 70.0 | 319.9 |
| 5- 1 | 31122.8 | -3030.0 | 0.0 | -9543.0 | 43.2 | 345.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si | -351.9 | 0.0 | 0.0 | 351.9 |
| 7- 1|si| 5|  Tz  | -289.4 | 10.3 | 0.0 | 290.0 |
| 5- 1|si| 9|  Ty  | -211.3 | 0.0 | -37.3 | 221.0 |
----- PROGR. 72.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 36194.4 | -3935.3 | 0.0 | -9543.0 | 56.7 | 214.1 |
| 7- 1 | 33045.7 | -4044.9 | 0.0 | -8538.1 | 92.6 | 201.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si | -371.6 | 0.0 | 0.0 | 371.6 |
| 7- 1|si| 5|  Tz  | -308.4 | 8.5 | 0.0 | 308.7 |
| 5- 1|si| 9|  Ty  | -211.6 | 0.0 | -23.1 | 215.4 |
----- PROGR. 91.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 38884.6 | -5085.9 | 0.0 | -9543.0 | 70.3 | 82.7 |
| 7- 1 | 35621.1 | -5926.9 | 0.0 | -8538.1 | 115.1 | 82.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx  Si | -392.0 | 0.0 | 0.0 | 392.0 |

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Copertura area carburante - Relazione di calcolo

7- 1 si 5	Tz		-320.8	6.8	0.0	321.0		
7- 1 si 9	Ty		-190.1	0.0	-8.9	190.8		
-----							PROGR.	109.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	39193.2|		-6481.9|		0.0|		-9543.0|	
| 7- 2|	6376.9|		4204.8|		0.0|		-3290.8|	
| 6- 1|	37888.8|		-3418.7|		0.0|		-9785.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 1|	Sx	|	Si	|	0.0|		0.0|	
| 7- 2|si| 5|	Tz	|		|	-86.0|		0.0|	
| 6- 1|si| 9|	Ty	|		|	-216.8|		7.1|	
-----							PROGR.	127.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	37120.4|		-8123.3|		0.0|		-9543.0|	
| 7- 1|	34324.8|		-10918.0|		0.0|		-8538.1|	
| 6- 1|	35508.0|		-3467.4|		0.0|		-9786.3|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 1|	Sx	|	Si	|	0.0|		0.0|	
| 7- 1|si| 6|	Tz	|		|	-283.6|		0.0|	
| 6- 1|si| 9|	Ty	|		|	-216.8|		21.3|	
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	30453.2|		-14027.0|		0.0|		-8538.1|	
| 6- 1|	30745.8|		-3516.1|		0.0|		-9787.6|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|si| 1|	Sx	|	Si	|	0.0|		0.0|	
| 7- 1|si| 6|	Tz	|		|	-264.4|		0.0|	
| 6- 1|si| 9|	Ty	|		|	-216.9|		35.4|	
-----							PROGR.	145.
VERIFICA STABILITA` :								
|L0 = 145. |								
Z |Lc = 145. |Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|								
Y |Lc = 145. |Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|								
Caso 5- 1 - Nodo 1 - Asse Y								
Ned = -9543.0|Mzeq = 38796.9|Myeq = -7507.6|Ss = -436.6 (0.167)								
P_HEA180_S017 (17) stato limite ultimo - ASTA (771- 354) 1317								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	-16096.8|		6074.6|		0.0|		4065.1|	
| 5- 1|	-17598.8|		2847.8|		0.0|		4387.8|	
| 6- 1|	-18204.0|		-1758.1|		0.0|		4916.7|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|si| 1|	Sx	|	Si	|	0.0|		0.0|	
| 5- 1|si| 6|	Tz	|		|	151.0|		0.0|	
| 6- 1|si| 9|	Ty	|		|	107.8|		-70.2|	
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	-6563.1|		6746.8|		0.0|		4065.1|	
| 5- 1|	-7063.7|		3350.7|		0.0|		4387.8|	
| 6- 1|	-7593.3|		-1538.3|		0.0|		4915.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|si| 1|	Sx	|	Si	|	0.0|		0.0|	
| 5- 1|si| 6|	Tz	|		|	114.2|		0.0|	
| 6- 1|si| 9|	Ty	|		|	107.8|		-56.1|	
-----							PROGR.	36.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	821.6|		7009.9|		0.0|		4065.1|	
| 6- 1|	636.0|		-1318.5|		0.0|		4914.1|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|si| 4|	Sx	|	Si	|	0.0|		0.0|	
| 6- 1|si| 6|	Tz	|		|	108.7|		0.0|	
| 6- 1|si| 9|	Ty	|		|	107.9|		-41.9|	
-----							PROGR.	54.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	6057.2|		6864.1|		0.0|		4065.1|	
| 6- 1|	6483.8|		-1098.8|		0.0|		4912.8|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|si| 4|	Sx	|	Si	|	0.0|		0.0|	
| 6- 1|si| 6|	Tz	|		|	88.4|		0.0|	
| 6- 1|si| 9|	Ty	|		|	107.9|		-27.7|	
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	9143.8|		6309.3|		0.0|		4065.1|	
| 6- 1|	9950.0|		-879.0|		0.0|		4911.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|si| 4|	Sx	|	Si	|	0.0|		0.0|	
| 7- 1|si| 5|	Tz	|		|	70.8|		0.0|	
| 6- 1|si| 9|	Ty	|		|	108.0|		-13.5|	
-----							PROGR.	91.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 7- 1|	9143.8|		6309.3|		0.0|		4065.1|	
| 6- 1|	9950.0|		-879.0|		0.0|		4911.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 7- 1|si| 4|	Sx	|	Si	|	0.0|		0.0|	
| 7- 1|si| 5|	Tz	|		|	70.8|		0.0|	
| 6- 1|si| 9|	Ty	|		|	108.0|		-13.5|	
-----							PROGR.	91.

Copertura area carburante - Relazione di calcolo

| 7- 1|	10081.4|	5345.5|	0.0|	4065.1|	64.5|	-7.6|
| 7- 2|	3001.6|	-6122.4|	0.0|	-221.4|	-78.7|	-17.3|
| 12-15|	4477.3|	-495.7|	0.0|	-2764.8|	-9.1|	-40.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 7- 1|si| 4|Sx |	Si |	175.9|	0.0|	0.0|	175.9|
| 7- 2|si| 5|	Tz |	-27.0|	-3.7|	0.0|	27.8|
| 12-15|si| 9|	Ty |	-61.1|	0.0|	4.4|	61.6|

PROGR. 109.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	8870.0|	3972.7|	0.0|	4065.1|	87.0|	-126.1|
| 5- 1|	9889.3|	2184.3|	0.0|	4387.8|	46.7|	-141.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 7- 1|si| 4|Sx |	Si |	158.4|	0.0|	0.0|	158.4|
| 7- 1|si| 6|	Tz |	51.7|	6.6|	0.0|	53.0|
| 5- 1|si| 9|	Ty |	97.4|	0.0|	15.3|	100.9|

PROGR. 127.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	6059.8|	-219.8|	0.0|	4907.5|	-12.1|	-268.6|
| 7- 1|	5509.5|	2190.8|	0.0|	4065.1|	109.6|	-244.7|
| 5- 1|	6135.4|	1214.9|	0.0|	4387.8|	60.3|	-272.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si |	130.9|	0.0|	0.0|	130.9|
| 7- 1|si| 6|	Tz |	66.6|	10.3|	0.0|	68.9|
| 5- 1|si| 9|	Ty |	97.1|	0.0|	29.4|	109.7|
| 6- 1|si| 14|	Si |	122.9|	0.0|	27.0|	131.5|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 2|	0.0|	0.0|	0.0|	5070.2|	4.5|	-43.9|
| 7- 1|	0.0|	0.0|	0.0|	4065.1|	132.2|	-363.3|
| 5- 1|	0.0|	0.0|	0.0|	4387.8|	73.8|	-404.2|
| 6- 1|	0.0|	0.0|	0.0|	4906.2|	-12.1|	-400.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 12- 2|si| 1|Sx |	Si |	111.8|	0.0|	0.0|	111.8|
| 7- 1|si| 6|	Tz |	89.6|	14.0|	0.0|	92.8|
| 5- 1|si| 9|	Ty |	96.7|	0.0|	43.6|	122.7|
| 6- 1|si| 9|	Si |	108.1|	0.0|	43.1|	131.5|

VERIFICA STABILITA` :

|L0 = 145. |
 Z |Lc = 145. |Ro = 7.45|lm = 19.5|Ncr= 2480303.3|alfa(b)=0.3400|ki=0.9914|
 Y |Lc = 145. |Ro = 4.51|lm = 32.1|Ncr= 911569.6|alfa(c)=0.4900|ki=0.9131|
 Caso12-16 - Nodo 1 - Asse Y
 Ned = -2757.2|Mzeq = 4697.2|Myeq = -1055.1|Ss = -92.8 (0.035)

P_HEA180_S017 (17) stato limite ultimo - ASTA (773- 678) 1319

 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 4|	-9375.4|	27063.0|	0.0|	3339.0|	236.5|	256.2|
| 5- 1|	-25222.8|	5056.7|	0.0|	3771.7|	33.7|	1016.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11- 4|si| 1|Sx |	Si |	368.9|	0.0|	0.0|	368.9|
| 5- 1|si| 5|	Tz |	178.7|	24.9|	0.0|	183.8|
| 5- 1|si| 9|	Ty |	84.8|	0.0|	-109.6|	207.9|

PROGR. 21.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 4|	-4277.1|	22037.4|	0.0|	3339.0|	236.5|	223.6|
| 5- 1|	-5268.7|	4170.8|	0.0|	3771.7|	49.6|	862.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11- 4|si| 1|Sx |	Si |	302.6|	0.0|	0.0|	302.6|
| 5- 1|si| 5|	Tz |	109.2|	22.0|	0.0|	115.6|
| 5- 1|si| 9|	Ty |	84.5|	0.0|	-93.0|	181.9|

PROGR. 42.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 4|	128.1|	17011.7|	0.0|	3339.0|	236.5|	191.0|
| 7- 1|	10168.9|	6213.7|	0.0|	3612.6|	103.0|	644.0|
| 5- 1|	11412.0|	2947.6|	0.0|	3771.7|	65.5|	707.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11- 4|si| 4|Sx |	Si |	239.6|	0.0|	0.0|	239.6|
| 7- 1|si| 5|	Tz |	57.2|	19.2|	0.0|	66.1|
| 5- 1|si| 9|	Ty |	84.1|	0.0|	-76.4|	156.7|

PROGR. 64.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11- 4|	3840.2|	11986.1|	0.0|	3339.0|	236.5|	158.4|
| 7- 1|	22376.3|	3743.0|	0.0|	3612.6|	129.5|	505.0|
| 5- 1|	24819.2|	1387.2|	0.0|	3771.7|	81.4|	553.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 11- 4|si| 4|Sx |	Si |	203.3|	0.0|	0.0|	203.3|
| 7- 1|si| 5|	Tz |	10.9|	17.1|	0.0|	31.6|
| 5- 1|si| 9|	Ty |	83.6|	0.0|	-59.7|	133.0|

PROGR. 85.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
5- 1	34952.9	-510.6	0.0	3771.7	97.2	399.9

Copertura area carburante - Relazione di calcolo

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| 7- 1|      31629.8|      710.1|      0.0|      3612.6|      156.0|      366.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|      206.9|      0.0|      0.0|      206.9|
| 7- 1|si| 5|  Tz |      -26.5|      15.0|      0.0|      37.1|
| 5- 1|si| 9|  Ty |      83.0|      0.0|     -43.1|      111.6|
----- PROGR.      106.

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      41813.1|     -2745.7|      0.0|      3771.7|      113.1|      245.8|
| 7- 1|      37929.3|     -2884.9|      0.0|      3612.6|      182.4|      226.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|      251.9|      0.0|      0.0|      251.9|
| 7- 1|si| 5|  Tz |      -54.9|      12.9|      0.0|      59.3|
| 5- 1|si| 9|  Ty |      82.2|      0.0|     -26.5|      94.2|
----- PROGR.      128.

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      45399.7|     -5318.2|      0.0|      3771.7|      129.0|      91.8|
| 11- 1|      13319.0|     -3056.8|      0.0|      1819.0|      236.4|      65.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx  Si|      289.2|      0.0|      0.0|      289.2|
| 11- 1|si| 5|  Tz |      -11.1|      11.4|      0.0|      22.7|
| 5- 1|si| 9|  Ty |      81.4|      0.0|     -9.9|      83.2|
----- PROGR.      149.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      41666.5|     -11761.7|      0.0|      3612.6|      235.3|     -51.1|
| 6- 1|      46063.9|     -2555.5|      0.0|      2853.8|      8.0|     -69.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 3|Sx  Si|      335.7|      0.0|      0.0|      335.7|
| 7- 1|si| 6|  Tz |      -39.1|      11.1|      0.0|      43.5|
| 6- 1|si| 9|  Ty |      62.1|      0.0|      7.5|      63.4|
----- PROGR.      170.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      39104.2|     -17043.4|      0.0|      3612.6|      261.8|     -190.1|
| 6- 1|      42951.9|     -2725.9|      0.0|      2852.2|      8.0|     -223.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 3|Sx  Si|      378.4|      0.0|      0.0|      378.4|
| 7- 1|si| 6|  Tz |      -20.1|      15.4|      0.0|      33.4|
| 6- 1|si| 9|  Ty |      62.0|      0.0|      24.1|      74.7|
----- PROGR.      170.

```

VERIFICA STABILITA` :

```

|L0 = 170.0|
Z |Lc = 170.0|Ro = 7.45|lm = 22.8|Ncr = 1804442.1|alfa(b)=0.3400|ki=0.9776|
Y |Lc = 170.0|Ro = 4.51|lm = 37.7|Ncr = 663174.8|alfa(c)=0.4900|ki=0.8793|
Caso11-13 - Nodo 1 - Asse Y
Ned = -1275.6|Mzeq = 9323.4|Myeq = -20692.6|Ss = -265.5 ( 0.101)

```

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P_HEA180_S017 ( 17)      stato limite ultimo - ASTA ( 775- 679) 1321
----- PROGR.      0.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      -2114.6|     -2953.5|      0.0|     -13455.0|      1.3|      843.4|
| 5- 1|      -2637.2|     -877.5|      0.0|     -13241.7|      1.2|      856.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si|     -332.5|      0.0|      0.0|      332.5|
| 5- 1|si| 5|  Tz |     -284.6|      19.8|      0.0|      286.7|
| 5- 1|si| 9|  Ty |     -292.2|      0.0|     -92.3|      333.1|
| 6- 1|si| 9|  Si |     -297.5|      0.0|     -91.0|      336.7|
----- PROGR.      21.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      14171.6|     -2981.9|      0.0|     -13456.5|      1.3|      689.4|
| 5- 1|      13918.1|     -1070.8|      0.0|     -13241.7|      17.0|      702.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si|     -373.8|      0.0|      0.0|      373.8|
| 5- 1|si| 5|  Tz |     -341.3|      16.9|      0.0|      342.5|
| 5- 1|si| 9|  Ty |     -292.2|      0.0|     -75.7|      320.3|
----- PROGR.      42.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      27184.4|     -3010.4|      0.0|     -13458.0|      1.3|      535.3|
| 5- 1|      27199.8|     -1601.3|      0.0|     -13241.7|      32.9|      548.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si|     -418.3|      0.0|      0.0|      418.3|
| 5- 1|si| 5|  Tz |     -387.4|      14.0|      0.0|      388.2|
| 5- 1|si| 9|  Ty |     -292.4|      0.0|     -59.1|      309.8|
----- PROGR.      64.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      36923.6|     -3038.8|      0.0|     -13459.5|      1.3|      381.3|
| 7- 1|      33705.8|     -1804.0|      0.0|     -11803.7|      80.3|      363.4|
| 5- 1|      37208.1|     -2469.2|      0.0|     -13241.7|      48.8|      394.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si|     -451.7|      0.0|      0.0|      451.7|
| 7- 1|si| 5|  Tz |     -378.2|      11.8|      0.0|      378.8|
| 5- 1|si| 9|  Ty |     -292.7|      0.0|     -42.5|      301.8|
----- PROGR.      85.

```

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	43942.8	-3674.4	0.0	-13241.7	64.7	239.9
7- 1	39950.1	-3791.8	0.0	-11803.7	106.8	224.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-477.0	0.0	0.0	477.0
7- 1	si	5	Tz		-403.3	9.7	0.0	403.7
5- 1	si	9	Ty		-293.1	0.0	-25.9	296.5
 ----- PROGR. 106.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	47404.1	-5216.9	0.0	-13241.7	80.5	85.9
7- 1	43240.5	-6341.8	0.0	-11803.7	133.2	85.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-503.7	0.0	0.0	503.7
7- 1	si	5	Tz		-419.5	7.6	0.0	419.7
5- 1	si	9	Ty		-293.6	0.0	-9.3	294.0
 ----- PROGR. 128.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	47591.8	-7096.7	0.0	-13241.7	96.4	-68.2
7- 1	43576.9	-9453.9	0.0	-11803.7	159.7	-53.7
6- 1	46500.3	-3124.2	0.0	-13464.1	1.3	-80.8

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-522.7	0.0	0.0	522.7
7- 1	si	6	Tz		-389.9	8.0	0.0	390.1
6- 1	si	9	Ty		-297.8	0.0	8.7	298.2
 ----- PROGR. 149.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	44506.0	-9313.9	0.0	-13241.7	112.3	-222.2
7- 1	40959.3	-13128.3	0.0	-11803.7	186.1	-192.7
6- 1	43145.6	-3152.6	0.0	-13465.7	1.3	-234.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	1	Sx	Si	-533.8	0.0	0.0	533.8
7- 1	si	6	Tz		-373.8	12.3	0.0	374.4
6- 1	si	9	Ty		-297.8	0.0	25.3	301.1
 ----- PROGR. 170.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	35387.8	-17364.9	0.0	-11803.7	212.6	-331.7
6- 1	36517.3	-3181.1	0.0	-13467.2	1.3	-388.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	1	Sx	Si	-549.4	0.0	0.0	549.4
7- 1	si	6	Tz		-346.6	16.6	0.0	347.8
6- 1	si	9	Ty		-297.9	0.0	42.0	306.6

VERIFICA STABILITA` :

|L0 = 170. |
 Z |Lc = 170. |Ro = 7.45 |lm = 22.8 |Ncr= 1804442.1 |alfa(b) = 0.3400 |ki = 0.9776 |
 Y |Lc = 170. |Ro = 4.51 |lm = 37.7 |Ncr= 663174.8 |alfa(c) = 0.4900 |ki = 0.8793 |
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -13241.7 |Mzeq = 45777.5 |Myeq = -8901.3 |Ss = -577.0 (0.220)

P_HEA180_S017 (17) stato limite ultimo - ASTA (777- 372) 1323
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	-41619.4	9307.8	0.0	15579.2	-51.1	800.9
5- 1	-45433.5	4860.0	0.0	16881.3	-34.9	883.4
6- 1	-45751.0	-1590.5	0.0	17215.5	-9.4	885.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	1	Sx	Si	575.4	0.0	0.0	575.4
5- 1	si	6	Tz		517.0	-21.9	0.0	518.4
6- 1	si	9	Ty		379.0	0.0	-95.5	413.5
 ----- PROGR. 21.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	-26078.2	10112.0	0.0	15579.2	-24.6	661.8
5- 1	-28297.0	5433.1	0.0	16881.3	-19.0	729.4
6- 1	-28574.9	-1391.7	0.0	17214.0	-9.4	731.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	1	Sx	Si	530.4	0.0	0.0	530.4
5- 1	si	6	Tz		457.7	-17.7	0.0	458.7
6- 1	si	9	Ty		379.0	0.0	-78.9	402.9
 ----- PROGR. 42.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	-13490.9	10354.0	0.0	15579.2	1.8	522.8
6- 1	-14672.3	-1192.9	0.0	17212.4	-9.4	577.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	1	Sx	Si	490.0	0.0	0.0	490.0
6- 1	si	6	Tz		431.6	-13.7	0.0	432.2
6- 1	si	9	Ty		379.0	0.0	-62.3	394.1
 ----- PROGR. 64.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	-3857.5	10033.9	0.0	15579.2	28.3	383.8
5- 1	-3844.6	5567.4	0.0	16881.3	12.7	421.3
6- 1	-4043.1	-994.1	0.0	17210.9	-9.4	423.2

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	1	Sx	Si	454.2	0.0	0.0	454.2
5- 1	si	5	Tz	396.0	10.3	0.0	396.4	
6- 1	si	9	Ty	379.0	0.0	-45.6	387.2	
 ----- PROGR. 85.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	2821.9	9151.5	0.0	15579.2	54.8	244.8
6- 1	3312.5	-795.3	0.0	17209.4	-9.4	269.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	4	Sx	Si	442.1	0.0	0.0	442.1
7- 1	si	5	Tz	351.6	8.0	0.0	351.9	
6- 1	si	9	Ty	379.1	0.0	-29.0	382.4	
 ----- PROGR. 106.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	6547.4	7706.9	0.0	15579.2	81.2	105.8
6- 1	7394.6	-596.5	0.0	17207.9	-9.4	115.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	4	Sx	Si	440.7	0.0	0.0	440.7
7- 1	si	5	Tz	336.2	5.9	0.0	336.3	
6- 1	si	9	Ty	379.1	0.0	-12.4	379.7	
 ----- PROGR. 128.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	8282.7	3238.9	0.0	16881.3	60.3	-40.8
7- 2	2000.8	-6159.0	0.0	2782.2	-118.5	-17.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	431.8	0.0	0.0	431.8
7- 2	si	5	Tz	42.5	-5.4	0.0	43.5	
5- 1	si	9	Ty	373.2	0.0	4.4	373.2	
 ----- PROGR. 149.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	5778.1	1788.1	0.0	16881.3	76.2	-194.9
7- 1	5136.4	3131.2	0.0	15579.2	134.1	-172.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	409.1	0.0	0.0	409.1
7- 1	si	6	Tz	319.9	9.6	0.0	320.3	
5- 1	si	9	Ty	372.7	0.0	21.0	374.5	
 ----- PROGR. 170.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	17203.3	-9.4	-347.1
7- 1	0.0	0.0	0.0	15579.2	160.6	-311.2
5- 1	0.0	0.0	0.0	16881.3	92.1	-348.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	379.2	0.0	0.0	379.2
7- 1	si	6	Tz	343.4	13.9	0.0	344.3	
5- 1	si	9	Ty	372.1	0.0	37.6	377.8	
6- 1	si	9	Si	379.2	0.0	37.4	384.7	

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA180_S017 (17) stato limite ultimo - ASTA (779- 723) 1325
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 3	-13597.9	36613.6	0.0	6599.8	358.5	281.0
5- 1	-39821.8	3212.1	0.0	15289.1	39.1	1098.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 3	si	1	Sx	Si	548.0	0.0	0.0	548.0
5- 1	si	5	Tz	478.6	27.0	0.0	480.9	
5- 1	si	9	Ty	338.0	0.0	-118.5	395.5	
 ----- PROGR. 20.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 3	-8322.4	29497.9	0.0	6599.8	358.5	250.5
5- 1	-19444.4	2289.1	0.0	15289.1	53.9	954.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 3	si	1	Sx	Si	460.9	0.0	0.0	460.9
5- 1	si	5	Tz	407.5	24.3	0.0	409.7	
5- 1	si	9	Ty	337.8	0.0	-103.0	381.9	
 ----- PROGR. 40.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
11- 3	-3651.7	22382.1	0.0	6599.8	358.5	220.1
5- 1	-1923.5	1071.8	0.0	15289.1	68.7	810.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 3	si	1	Sx	Si	375.7	0.0	0.0	375.7
5- 1	si	5	Tz	345.6	21.6	0.0	347.7	
5- 1	si	9	Ty	337.4	0.0	-87.4	369.8	
 ----- PROGR. 60.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	13951.5	-2800.1	0.0	14239.1	12.8	661.1
11- 1	3012.9	15268.3	0.0	4762.5	358.5	194.7
5- 1	12741.2	-439.9	0.0	15289.1	83.6	666.8

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 3|Sx	Si	388.5|	0.0|	0.0|	388.5|
| 11- 1|si| 5| Tz		124.5|	19.6|	0.0|	129.0|
| 5- 1|si| 9| Ty		336.9|	0.0|	-71.9|	359.2|

PROGR.

79.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	24549.4|	-2245.9|	0.0|	15289.1|	98.4|	522.9|
| 11- 1|	6574.4|	8152.7|	0.0|	4762.5|	358.5|	164.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 3|Sx	Si	442.3|	0.0|	442.3|
| 11- 1|si| 5| Tz		98.5|	18.9|	0.0|
| 5- 1|si| 9| Ty		336.3|	0.0|	-56.4|

PROGR.

99.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	33501.2|	-4346.2|	0.0|	15289.1|	113.2|	379.0|
| 11- 1|	9531.1|	1037.1|	0.0|	4762.5|	358.5|	133.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 3|Sx	Si	493.2|	0.0|	493.2|
| 11- 1|si| 5| Tz		74.6|	18.2|	0.0|
| 5- 1|si| 9| Ty		335.6|	0.0|	-40.9|

PROGR.

119.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	39596.7|	-6740.9|	0.0|	15289.1|	128.1|	235.1|
| 11- 1|	11883.0|	-6078.5|	0.0|	4762.5|	358.5|	103.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 3|Sx	Si	537.2|	0.0|	537.2|
| 11- 1|si| 5| Tz		52.8|	17.5|	0.0|
| 5- 1|si| 9| Ty		334.8|	0.0|	-25.4|

PROGR.

139.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	42835.8|	-9429.9|	0.0|	15289.1|	142.9|	91.2|
| 11- 1|	13630.1|	-13194.0|	0.0|	4762.5|	358.5|	72.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 3|Sx	Si	574.3|	0.0|	574.3|
| 11- 1|si| 5| Tz		33.0|	16.8|	0.0|
| 5- 1|si| 9| Ty		333.9|	0.0|	-9.8|

PROGR.

159.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	39615.5|	-17580.9|	0.0|	14065.3|	253.1|	-40.9|
| 11- 1|	14772.4|	-20309.6|	0.0|	4762.5|	358.5|	42.3|
| 6- 1|	43858.0|	-4072.8|	0.0|	14232.0|	12.8|	-58.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 7- 1|si| 3|Sx	Si	615.8|	0.0|	615.8|
| 11- 1|si| 5| Tz		15.2|	16.0|	0.0|
| 6- 1|si| 9| Ty		312.4|	0.0|	6.3|

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA180_S017 (17)	stato limite ultimo - ASTA (781- 724)	1327
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PROGR.

0.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5- 1	24905.5	1584.9	0.0	-32362.1	-28.8	954.0

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	Si	-813.4|	0.0|	0.0|
| 5- 1|si| 6| Tz		-801.1|	-23.3|	0.0|
| 5- 1|si| 9| Ty		-712.8|	0.0|	-102.9|

PROGR.

20.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	42414.6|	2010.2|	0.0|	-32362.1|	-14.0|	810.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	Si	-877.0|	0.0|	0.0|
| 5- 1|si| 6| Tz		-861.4|	-19.3|	0.0|
| 5- 1|si| 9| Ty		-712.7|	0.0|	-87.4|

PROGR.

40.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	57067.3|	2141.1|	0.0|	-32362.1|	0.8|	666.2|
| 6- 1|	56958.0|	-432.1|	0.0|	-32491.9|	-18.3|	656.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	Si	-928.1|	0.0|	0.0|
| 6- 1|si| 6| Tz		-908.9|	-15.9|	0.0|
| 5- 1|si| 9| Ty		-712.6|	0.0|	-71.9|

PROGR.

60.

SOLLECITAZIONI

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	68863.6|	1977.7|	0.0|	-32362.1|	15.6|	522.3|
| 7- 1|	62370.3|	3360.7|	0.0|	-29143.7|	40.0|	479.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	Si	-966.6|	0.0|	0.0|
7- 1 si 5 Tz		-847.8	12.8	0.0
5- 1 si 9 Ty		-712.7	0.0	-56.3

PROGR.

79.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
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Copertura area carburante - Relazione di calcolo

5- 1	77803.5	1520.0	0.0	-32362.1	30.5	378.4
| 7- 1 |	70592.1 |	2321.1 |	0.0 |	-29143.7 |	64.7 |	349.3 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 2 |	Sx Si |	-992.5 |	0.0 |	0.0 |	992.5 |
| 7- 1 |	|si| 5 |	Tz |	-877.8 |	10.8 |	0.0 |	878.0 |
| 5- 1 |	|si| 9 |	Ty |	-712.8 |	0.0 |	-40.8 |	716.3 |
----- PROGR. 99.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	83887.1 |	767.9 |	0.0 |	-32362.1 |	45.3 |	234.5 |
| 7- 1 |	76236.4 |	791.0 |	0.0 |	-29143.7 |	89.4 |	219.4 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 2 |	Sx Si |	-1005.9 |	0.0 |	0.0 |	1005.9 |
| 7- 1 |	|si| 5 |	Tz |	-899.9 |	8.8 |	0.0 |	900.1 |
| 5- 1 |	|si| 9 |	Ty |	-713.1 |	0.0 |	-25.3 |	714.4 |
----- PROGR. 119.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	86252.8 |	1024.2 |	0.0 |	-32497.6 |	-18.3 |	81.2 |
| 7- 1 |	79303.1 |	-1229.7 |	0.0 |	-29143.7 |	114.2 |	89.6 |
| 5- 1 |	87114.3 |	-278.5 |	0.0 |	-32362.1 |	60.1 |	90.6 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 2 |	Sx Si |	-1019.4 |	0.0 |	0.0 |	1019.4 |
| 7- 1 |	|si| 5 |	Tz |	-914.3 |	6.9 |	0.0 |	914.4 |
| 5- 1 |	|si| 9 |	Ty |	-713.4 |	0.0 |	-9.8 |	713.6 |
----- PROGR. 139.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	87485.1 |	-1619.3 |	0.0 |	-32362.1 |	75.0 |	-53.3 |
| 7- 2 |	16763.3 |	5212.0 |	0.0 |	-8057.5 |	-159.0 |	-34.6 |
| 6- 1 |	86435.6 |	1388.2 |	0.0 |	-32499.0 |	-18.3 |	-62.7 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 1 |	Sx Si |	-1026.4 |	0.0 |	0.0 |	1026.4 |
| 7- 2 |	|si| 5 |	Tz |	-224.4 |	-7.5 |	0.0 |	224.8 |
| 6- 1 |	|si| 9 |	Ty |	-715.9 |	0.0 |	6.8 |	716.0 |
----- PROGR. 159.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	84999.5 |	-3254.4 |	0.0 |	-32362.1 |	89.8 |	-197.2 |
| 7- 1 |	77703.9 |	-6742.8 |	0.0 |	-29143.7 |	163.6 |	-170.1 |
| 6- 1 |	83762.0 |	1752.3 |	0.0 |	-32500.5 |	-18.3 |	-206.6 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 1 |	Sx Si |	-1033.9 |	0.0 |	0.0 |	1033.9 |
| 7- 1 |	|si| 6 |	Tz |	-893.3 |	10.8 |	0.0 |	893.5 |
| 6- 1 |	|si| 9 |	Ty |	-715.8 |	0.0 |	22.3 |	716.9 |
----- PROGR. 159.						
VERIFICA STABILITA` :						
|L0 = 159. |						
Z |Lc = 159. |Ro = 7.45 |lm = 21.3 |Ncr= 2067948.9 |alfa(b)=0.3400 |ki=0.9838 |						
Y |Lc = 159. |Ro = 4.51 |lm = 35.2 |Ncr= 760019.7 |alfa(c)=0.4900 |ki=0.8946 |						
Caso 5- 1 - Nodo 1 - Asse Y						
Ned = -32362.1 |Mzeq = 87485.1 |Myeq = -2440.8 |Ss = -1124.2 (0.429)						
P_HEA180_S017 (17) stato limite ultimo - ASTA (783- 725) 1329						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	35875.7 |	790.7 |	0.0 |	-41778.4 |	33.8 |	817.8 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 2 |	Sx Si |	-1050.5 |	0.0 |	0.0 |	1050.5 |
| 5- 1 |	|si| 5 |	Tz |	-1041.3 |	20.3 |	0.0 |	1041.9 |
| 5- 1 |	|si| 9 |	Ty |	-920.6 |	0.0 |	-88.2 |	933.2 |
----- PROGR. 20.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1 |	49789.1 |	-2329.3 |	0.0 |	-41080.1 |	22.8 |	658.4 |
| 5- 1 |	50680.2 |	-28.2 |	0.0 |	-41778.4 |	48.7 |	673.9 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1 |	|si| 1 |	Sx Si |	-1097.4 |	0.0 |	0.0 |	1097.4 |
| 5- 1 |	|si| 5 |	Tz |	-1093.2 |	17.6 |	0.0 |	1093.6 |
| 5- 1 |	|si| 9 |	Ty |	-920.9 |	0.0 |	-72.7 |	929.5 |
----- PROGR. 40.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	62628.4 |	-1141.4 |	0.0 |	-41778.4 |	63.5 |	530.0 |
| 7- 1 |	56559.4 |	192.0 |	0.0 |	-37654.0 |	88.6 |	485.7 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 1 |	Sx Si |	-1144.8 |	0.0 |	0.0 |	1144.8 |
| 7- 1 |	|si| 5 |	Tz |	-1021.8 |	14.9 |	0.0 |	1022.1 |
| 5- 1 |	|si| 9 |	Ty |	-921.3 |	0.0 |	-57.2 |	926.6 |
----- PROGR. 60.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1 |	71720.2 |	-2548.9 |	0.0 |	-41778.4 |	78.3 |	386.1 |
| 7- 1 |	64911.7 |	-1812.5 |	0.0 |	-37654.0 |	113.3 |	355.8 |
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1 |	|si| 1 |	Sx Si |	-1189.4 |	0.0 |	0.0 |	1189.4 |
| 7- 1 |	|si| 5 |	Tz |	-1054.1 |	13.0 |	0.0 |	1054.3 |
| 5- 1 |	|si| 9 |	Ty |	-921.7 |	0.0 |	-41.6 |	924.5 |

Copertura area carburante - Relazione di calcolo

----- PROGR. 79.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	77955.6	-4250.8	0.0	-41778.4	93.2	242.2			
7- 1	70686.6	-4307.7	0.0	-37654.0	138.1	226.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	|si	|1	Sx	Si	-1227.2	0.0	0.0	1227.2	
7- 1	|si	|5	Tz		-1078.6	11.0	0.0	1078.7	
5- 1	|si	|9	Ty		-922.3	0.0	-26.1	923.4	
----- PROGR. 99.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	81334.6	-6247.0	0.0	-41778.4	108.0	98.3			
11- 3	23980.7	-432.6	0.0	-10577.8	194.2	79.8			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	|si	|1	Sx	Si	-1258.1	0.0	0.0	1258.1	
11- 3	|si	|5	Tz		-315.5	10.0	0.0	316.0	
5- 1	|si	|9	Ty		-922.9	0.0	-10.6	923.1	
----- PROGR. 119.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	81857.3	-8537.5	0.0	-41778.4	122.8	-45.6			
11- 3	25262.1	-4287.6	0.0	-10577.8	194.2	49.3			
6- 1	79429.2	-4596.9	0.0	-41087.2	22.8	-61.1			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	|si	|1	Sx	Si	-1282.2	0.0	0.0	1282.2	
11- 3	|si	|5	Tz		-327.4	9.3	0.0	327.7	
6- 1	|si	|9	Ty		-907.2	0.0	6.6	907.2	
----- PROGR. 139.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	79523.5	-11122.4	0.0	-41778.4	137.6	-189.5			
7- 1	72545.8	-14736.5	0.0	-37654.0	212.2	-163.6			
6- 1	76788.1	-5050.4	0.0	-41088.6	22.8	-205.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	|si	|1	Sx	Si	-1299.4	0.0	0.0	1299.4	
7- 1	|si	|6	Tz		-1047.8	12.7	0.0	1048.1	
6- 1	|si	|9	Ty		-907.3	0.0	22.1	908.1	
----- PROGR. 159.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	74333.4	-14001.6	0.0	-41778.4	152.5	-333.4			
7- 1	68010.5	-19193.8	0.0	-37654.0	236.9	-293.4			
6- 1	71290.6	-5503.9	0.0	-41090.1	22.8	-348.9			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	|si	|1	Sx	Si	-1309.8	0.0	0.0	1309.8	
7- 1	|si	|6	Tz		-1023.7	16.7	0.0	1024.1	
6- 1	|si	|9	Ty		-907.5	0.0	37.6	909.8	

VERIFICA STABILITA` :									
|L0 = 159. |									
Z	|Lc = 159. |	Ro = 7.45	|lm = 21.3	|Ncr= 2067948.9	|alfa(b)=0.3400	|ki=0.9838			
Y	|Lc = 159. |	Ro = 4.51	|lm = 35.2	|Ncr= 760019.7	|alfa(c)=0.4900	|ki=0.8946			
Caso 5- 1 - Nodo 1 - Asse Y									
Ned = -41778.4 | Mzeq = 81857.3 | Myeq = -10501.2 | Ss = -1421.5 (0.543)									
P_HEA180_S017 (17) stato limite ultimo - ASTA (785- 390) 1331									
----- PROGR. 0.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	4050.1	2394.2	0.0	-15190.8	-44.1	549.3			
6- 1	1881.1	-2752.0	0.0	-13565.8	-17.4	563.0			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	|si	|2	Sx	Si	-371.9	0.0	0.0	371.9	
5- 1	|si	|6	Tz		-353.3	-14.5	0.0	354.2	
6- 1	|si	|9	Ty		-299.9	0.0	-60.7	317.8	
----- PROGR. 20.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	13516.0	3122.5	0.0	-15190.8	-29.3	405.6			
6- 1	11618.1	-2408.0	0.0	-13567.2	-17.4	419.3			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	|si	|2	Sx	Si	-411.2	0.0	0.0	411.2	
5- 1	|si	|6	Tz		-386.8	-10.6	0.0	387.3	
6- 1	|si	|9	Ty		-299.8	0.0	-45.2	309.9	
----- PROGR. 40.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	20132.7	3557.2	0.0	-15190.8	-14.5	261.9			
6- 1	18506.0	-2064.0	0.0	-13568.6	-17.4	275.6			
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
5- 1	|si	|2	Sx	Si	-437.9	0.0	0.0	437.9	
6- 1	|si	|6	Tz		-358.0	-7.1	0.0	358.2	
6- 1	|si	|9	Ty		-299.8	0.0	-29.7	304.1	
----- PROGR. 59.									
SOLLECITAZIONI :									
Caso	MZ	MY	MT	N	TZ	TY			
5- 1	23900.3	3698.3	0.0	-15190.8	0.3	118.2			
6- 1	22544.6	-1720.0	0.0	-13570.0	-17.4	131.9			
TENSIONI (Sz= 0.00) :									

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 2|	Sx Si |	-452.1|	0.0|	0.0|	452.1|		
| 6- 1|	|si| 6|	Tz |	-372.4|	-3.8|	0.0|	372.4|		
| 6- 1|	|si| 9|	Ty |	-299.7|	0.0|	-14.2|	300.7|		
-----							PROGR.	79.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	24818.6|	3545.8|	0.0|	-15190.8|	15.1|	-25.5|		
| 11- 8|	7680.7|	-3553.3|	0.0|	-6762.4|	-44.8|	-36.0|		
| 12-14|	11061.3|	-1338.9|	0.0|	-11456.1|	-16.9|	-78.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 2|	Sx Si |	-453.7|	0.0|	0.0|	453.7|		
| 11- 8|	|si| 5|	Tz |	-182.1|	-2.7|	0.0|	182.1|		
| 12-14|	|si| 9|	Ty |	-253.0|	0.0|	8.5|	253.4|		
-----							PROGR.	99.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	22887.7|	3099.8|	0.0|	-15190.8|	29.9|	-169.3|		
| 7- 1|	20550.7|	5943.0|	0.0|	-13572.0|	62.9|	-151.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 2|	Sx Si |	-442.8|	0.0|	0.0|	442.8|		
| 7- 1|	|si| 6|	Tz |	-380.6|	6.1|	0.0|	380.7|		
| 5- 1|	|si| 9|	Ty |	-333.8|	0.0|	18.3|	335.3|		
-----							PROGR.	119.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	18107.7|	2360.1|	0.0|	-15190.8|	44.7|	-313.0|		
| 7- 1|	16271.5|	4451.3|	0.0|	-13572.0|	87.6|	-280.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 2|	Sx Si |	-419.3|	0.0|	0.0|	419.3|		
| 7- 1|	|si| 6|	Tz |	-363.1|	10.2|	0.0|	363.5|		
| 5- 1|	|si| 9|	Ty |	-334.1|	0.0|	33.8|	339.2|		
-----							PROGR.	139.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	10478.4|	1326.9|	0.0|	-15190.8|	59.5|	-456.7|		
| 7- 1|	9421.3|	2470.3|	0.0|	-13572.0|	112.3|	-410.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 2|	Sx Si |	-383.4|	0.0|	0.0|	383.4|		
| 7- 1|	|si| 6|	Tz |	-336.0|	14.2|	0.0|	336.9|		
| 5- 1|	|si| 9|	Ty |	-334.4|	0.0|	49.3|	345.1|		
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-15190.8|	74.3|	-600.4|		
| 7- 1|	0.0|	0.0|	0.0|	-13572.0|	136.9|	-540.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|	|si| 2|	Sx Si |	-334.8|	0.0|	0.0|	334.8|		
| 7- 1|	|si| 6|	Tz |	-299.2|	18.2|	0.0|	300.8|		
| 5- 1|	|si| 9|	TySi |	-334.8|	0.0|	64.8|	353.1|		
-----							PROGR.	159.
VERIFICA STABILITA` :								
|L0 = 159. |								
Z |Lc = 159. |Ro = 7.45|lm = 21.3|Ncr= 2073167.7|alfa(b)=0.3400|ki=0.9839|								
Y |Lc = 159. |Ro = 4.51|lm = 35.1|Ncr= 761937.7|alfa(c)=0.4900|ki=0.8949|								
Caso 5- 1 - Nodo 2 - Asse Y								
Ned = -15190.8|Mzeq = 22387.0|Myeq = 3591.8|Ss = -486.5 (0.186)								
P_HEA160_S018 (18) stato limite ultimo - ASTA (308- 750) 1260								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 12-13|	0.0|	0.0|	0.0|	-13900.1|	-3.6|	-5.7|		
| 7- 1|	0.0|	0.0|	0.0|	-12064.4|	-142.9|	75.5|		
| 6- 1|	0.0|	0.0|	0.0|	-10192.5|	-17.2|	92.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 12-13|	|si| 1|	Sx |	-357.4|	0.0|	0.0|	357.4|		
| 7- 1|	|si| 6|	Tz |	-310.2|	-9.0|	0.0|	310.6|		
| 6- 1|	|si| 9|	Ty |	-262.1|	0.0|	-11.3|	262.8|		
| 12-13|	|si| 9|	Si |	-357.4|	0.0|	0.7|	357.4|		
-----							PROGR.	18.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 12-13|	-145.9|	62.8|	0.0|	-13900.1|	-3.6|	-11.0|		
| 7- 1|	1260.1|	2328.9|	0.0|	-12064.4|	-123.2|	68.5|		
| 6- 1|	1562.7|	300.5|	0.0|	-10192.5|	-17.2|	85.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 12-13|	|si| 3|	Sx Si |	-358.9|	0.0|	0.0|	358.9|		
| 7- 1|	|si| 6|	Tz |	-322.8|	-7.9|	0.0|	323.0|		
| 6- 1|	|si| 9|	Ty |	-262.0|	0.0|	-10.5|	262.6|		
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	2399.0|	4313.2|	0.0|	-12064.4|	-103.5|	61.6|		
| 6- 1|	3004.1|	601.1|	0.0|	-10192.5|	-17.2|	78.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|	|si| 2|	Sx Si |	-377.2|	0.0|	0.0|	377.2|		
| 7- 1|	|si| 6|	Tz |	-333.7|	-6.7|	0.0|	333.9|		
| 6- 1|	|si| 9|	Ty |	-261.8|	0.0|	-9.6|	262.3|		
-----							PROGR.	52.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	3416.6	5953.0	0.0	-12064.4	-83.9	54.7
6- 1	4324.2	901.6	0.0	-10192.5	-17.2	72.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-403.1	0.0	0.0	403.1
7- 1	si	6	Tz	-343.1	-5.6	0.0	343.3	
6- 1	si	9	Ty	-261.7	0.0	-8.8	262.1	
 ----- PROGR. 70.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	4313.0	7248.3	0.0	-12064.4	-64.2	47.8
6- 1	5523.1	1202.1	0.0	-10192.5	-17.2	65.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-424.0	0.0	0.0	424.0
7- 1	si	6	Tz	-351.0	-4.4	0.0	351.1	
6- 1	si	9	Ty	-261.5	0.0	-7.9	261.9	
 ----- PROGR. 88.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	5088.1	8199.1	0.0	-12064.4	-44.5	40.8
6- 1	6600.7	1502.7	0.0	-10192.5	-17.2	58.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-439.8	0.0	0.0	439.8
7- 1	si	6	Tz	-357.3	-3.3	0.0	357.3	
6- 1	si	9	Ty	-261.4	0.0	-7.1	261.7	
 ----- PROGR. 105.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	5741.9	8805.3	0.0	-12064.4	-24.8	33.9
5- 1	6522.4	6079.4	0.0	-12665.7	-22.5	41.3
6- 1	7557.1	1803.2	0.0	-10192.5	-17.2	51.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-450.7	0.0	0.0	450.7
5- 1	si	6	Tz	-373.0	-2.2	0.0	373.0	
6- 1	si	9	Ty	-261.2	0.0	-6.3	261.5	
 ----- PROGR. 122.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	6274.5	9067.0	0.0	-12064.4	-5.1	27.0
6- 1	8392.2	2103.8	0.0	-10192.5	-17.2	44.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-456.5	0.0	0.0	456.5
6- 1	si	6	Tz	-306.3	-2.0	0.0	306.3	
6- 1	si	9	Ty	-261.1	0.0	-5.4	261.2	
 ----- PROGR. 140.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	6685.8	8984.2	0.0	-12064.4	14.6	20.0
7- 2	-702.1	-6105.9	0.0	-6927.3	-35.1	-32.7
8- 2	-3001.4	640.5	0.0	-11049.2	-4.6	-49.2

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx	Si	-457.3	0.0	0.0	457.3
7- 2	si	5	Tz	-192.8	-2.6	0.0	192.9	
8- 2	si	9	Ty	-283.8	0.0	6.0	284.0	
 ----- PROGR.

VERIFICA STABILITA` :

|L0 = 140. |
 Z |Lc = 140. |Ro = 6.57 |lm = 21.3 |Ncr= 1773757.6 |alfa(b)=0.3400 |ki=0.9838 |
 Y |Lc = 140. |Ro = 3.98 |lm = 35.2 |Ncr= 651055.7 |alfa(c)=0.4900 |ki=0.8945 |
 Caso 7- 1 - Nodo 2 - Asse Y
 Ned = -12064.4 |Mzeq = 5186.5 |Myeq = 8228.5 |Ss = -479.4 (0.183)

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 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	51036.3	4808.6	0.0	28116.4	19.4	-168.7
7- 1	45079.2	-4081.7	0.0	24396.1	-146.4	-145.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	1016.7	0.0	0.0	1016.7
7- 1	si	5	Tz	411.2	-11.1	0.0	411.6	
6- 1	si	9	Ty	725.4	0.0	20.6	726.2	
 ----- PROGR. 18.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	48023.4	4469.6	0.0	28116.4	19.4	-175.6
7- 1	42474.0	-1692.2	0.0	24396.1	-126.7	-152.3

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	998.7	0.0	0.0	998.7
7- 1	si	5	Tz	430.0	-10.3	0.0	430.3	
6- 1	si	9	Ty	725.2	0.0	21.5	726.2	
 ----- PROGR. 35.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	44889.1	4130.6	0.0	28116.4	19.4	-182.6
7- 1	39747.6	352.7	0.0	24396.1	-107.0	-159.3

TENSIONI (Sz= 0.00) :
 | Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
 | 6- 1|si| 4|Sx | Si | 980.1 | 0.0 | 0.0 | 980.1 |

Copertura area carburante - Relazione di calcolo

| 7- 1|si| 5|	Tz	|	448.3|	-9.5|	0.0|	448.6|						
| 6- 1|si| 9|	Ty	|	725.0|	0.0|	22.3|	726.1|						
-----							PROGR.	52.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	41633.6|		3791.6|		0.0|		28116.4|		19.4|		-189.5|	
| 7- 1|	36899.9|		2053.1|		0.0|		24396.1|		-87.3|		-166.2|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|	Sx	Si	|	960.9|		0.0|		0.0|		960.9|		
| 7- 1|si| 5|	Tz	|	466.2|		-8.7|		0.0|		466.4|			
| 6- 1|si| 9|	Ty	|	724.9|		0.0|		23.1|		726.0|			
-----							PROGR.	70.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	38256.9|		3452.6|		0.0|		28116.4|		19.4|		-196.4|	
| 7- 1|	33931.0|		3408.9|		0.0|		24396.1|		-67.6|		-173.1|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|	Sx	Si	|	941.2|		0.0|		0.0|		941.2|		
| 7- 1|si| 5|	Tz	|	483.6|		-7.9|		0.0|		483.8|			
| 6- 1|si| 9|	Ty	|	724.7|		0.0|		24.0|		725.9|			
-----							PROGR.	88.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	34758.8|		3113.7|		0.0|		28116.4|		19.4|		-203.4|	
| 7- 1|	30840.8|		4420.2|		0.0|		24396.1|		-47.9|		-180.0|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|	Sx	Si	|	921.0|		0.0|		0.0|		921.0|		
| 7- 1|si| 5|	Tz	|	500.5|		-7.1|		0.0|		500.7|			
| 6- 1|si| 9|	Ty	|	724.5|		0.0|		24.8|		725.8|			
-----							PROGR.	105.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	31139.6|		2774.7|		0.0|		28116.4|		19.4|		-210.3|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|	Sx	Si	|	900.2|		0.0|		0.0|		900.2|		
| 6- 1|si| 6|	Tz	|	573.8|		6.5|		0.0|		573.9|			
| 6- 1|si| 9|	Ty	|	724.4|		0.0|		25.7|		725.7|			
-----							PROGR.	122.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	27399.0|		2435.7|		0.0|		28116.4|		19.4|		-217.2|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|	Sx	Si	|	878.8|		0.0|		0.0|		878.8|		
| 6- 1|si| 6|	Tz	|	591.8|		6.7|		0.0|		591.9|			
| 6- 1|si| 9|	Ty	|	724.2|		0.0|		26.5|		725.7|			
-----							PROGR.	140.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	23537.2|		2096.7|		0.0|		28116.4|		19.4|		-224.1|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1|si| 4|	Sx	Si	|	856.9|		0.0|		0.0|		856.9|		
| 6- 1|si| 6|	Tz	|	610.3|		6.9|		0.0|		610.4|			
| 6- 1|si| 9|	Ty	|	724.0|		0.0|		27.4|		725.6|			
-----							PROGR.	140.				

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.												
P_HEA160_S018 (18)	stato limite ultimo - ASTA (568- 754)											1262
-----											PROGR.	0.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	57717.5|		-4590.9|		0.0|		35030.4|		-106.0|		-269.3|	
| 7- 1|	52502.9|		-7194.3|		0.0|		32013.7|		-165.6|		-244.5|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 3|	Sx	Si	|	1222.0|		0.0|		0.0|		1222.0|		
| 7- 1|si| 5|	Tz	|	564.3|		-14.6|		0.0|		564.9|			
| 5- 1|si| 9|	Ty	|	898.6|		0.0|		32.9|		900.4|			
-----							PROGR.	18.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	52943.6|		-2839.2|		0.0|		35030.4|		-94.2|		-276.3|	
| 7- 1|	48162.9|		-4469.3|		0.0|		32013.7|		-145.9|		-251.5|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 3|	Sx	Si	|	1177.6|		0.0|		0.0|		1177.6|		
| 7- 1|si| 5|	Tz	|	592.0|		-13.8|		0.0|		592.4|			
| 5- 1|si| 9|	Ty	|	899.4|		0.0|		33.7|		901.3|			
-----							PROGR.	35.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	48048.5|		-1294.2|		0.0|		35030.4|		-82.4|		-283.2|	
| 7- 1|	43701.5|		-2088.8|		0.0|		32013.7|		-126.2|		-258.4|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 3|	Sx	Si	|	1135.3|		0.0|		0.0|		1135.3|		
| 7- 1|si| 5|	Tz	|	619.1|		-13.1|		0.0|		619.5|			
| 5- 1|si| 9|	Ty	|	900.2|		0.0|		34.6|		902.2|			
-----							PROGR.	52.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	43032.2|		44.1|		0.0|		35030.4|		-70.6|		-290.1|	
| 7- 1|	39119.0|		-52.8|		0.0|		32013.7|		-106.5|		-265.3|	
TENSIONI (Sz= 0.00) :												

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	1096.4	0.0	0.0	1096.4
7- 1	|si| 5	Tz		645.8	-12.3	0.0	646.2
5- 1	|si| 9	Ty		900.8	0.0	35.4	902.9

70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	37894.5	1175.6	0.0	35030.4	-58.8	-297.0
7- 1	34415.1	1638.7	0.0	32013.7	-86.8	-272.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	1087.8	0.0	0.0	1087.8
7- 1	|si| 5	Tz		672.1	-11.5	0.0	672.4
5- 1	|si| 9	Ty		901.4	0.0	36.3	903.6

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	32635.7	2100.5	0.0	35030.4	-46.9	-304.0
7- 1	29590.0	2985.6	0.0	32013.7	-67.1	-279.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	1076.0	0.0	0.0	1076.0
7- 1	|si| 5	Tz		697.9	-10.7	0.0	698.2
5- 1	|si| 9	Ty		901.8	0.0	37.1	904.1

105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	27255.5	2818.6	0.0	35030.4	-35.1	-310.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	1060.9	0.0	0.0	1060.9
5- 1	|si| 5	Tz		785.6	-9.9	0.0	785.8
5- 1	|si| 9	Ty		902.2	0.0	38.0	904.6

122.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	21754.1	3330.0	0.0	35030.4	-23.3	-317.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	1042.7	0.0	0.0	1042.7
5- 1	|si| 5	Tz		812.0	-9.6	0.0	812.2
5- 1	|si| 9	Ty		902.4	0.0	38.8	904.9

140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	16131.4	3634.7	0.0	35030.4	-11.5	-324.8
6- 1	16469.0	1447.2	0.0	34883.2	-14.7	-322.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	1021.1	0.0	0.0	1021.1
6- 1	|si| 5	Tz		826.6	-9.2	0.0	826.8
5- 1	si 9	Ty		902.6	0.0	39.7	905.2

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	34067.5	-4937.4	0.0	11786.6	-175.1	-315.5
5- 1	36970.2	-1369.7	0.0	12527.5	-99.4	-344.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si| 3	Sx	Si	521.6	0.0	0.0	521.6
7- 1	|si| 5	Tz		134.3	-17.0	0.0	137.5
5- 1	|si| 9	Ty		321.5	0.0	42.1	329.7

18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	29616.0	3290.3	0.0	11370.4	12.5	-343.8
7- 1	28485.9	-2044.8	0.0	11786.6	-155.4	-322.4
5- 1	30873.9	266.3	0.0	12527.5	-87.6	-351.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 4	Sx	Si	469.3	0.0	0.0	469.3
7- 1	|si| 5	Tz		168.1	-16.2	0.0	170.4
5- 1	|si| 9	Ty		322.3	0.0	43.0	330.8

35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	24656.4	1695.6	0.0	12527.5	-75.8	-358.8
7- 1	22783.0	503.2	0.0	11786.6	-135.8	-329.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	455.9	0.0	0.0	455.9
7- 1	|si| 5	Tz		201.3	-15.4	0.0	203.1
5- 1	|si| 9	Ty		323.0	0.0	43.8	331.8

52.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	18317.6	2918.1	0.0	12527.5	-64.0	-365.7
7- 1	16958.8	2706.7	0.0	11786.6	-116.1	-336.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	443.1	0.0	0.0	443.1
7- 1	|si| 5	Tz		234.2	-14.6	0.0	235.5
5- 1	|si| 9	Ty		323.6	0.0	44.7	332.7

70.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY		
5- 1	11857.6	3934.0	0.0	12527.5	-52.1	-372.6		
7- 1	11013.4	4565.7	0.0	11786.6	-96.4	-343.2		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	|Sx	Si	427.0	0.0	0.0	427.0
7- 1	|si	5	Tz	266.5	-13.8	0.0	267.6	
5- 1	|si	9	Ty	324.1	0.0	45.5	333.5	
-----							88.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	5276.3	4743.1	0.0	12527.5	-40.3	-379.5		
7- 1	4946.7	6080.1	0.0	11786.6	-76.7	-350.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	|Sx	Si	407.7	0.0	0.0	407.7
7- 1	|si	5	Tz	298.5	-13.0	0.0	299.3	
5- 1	|si	9	Ty	324.5	0.0	46.4	334.2	
-----							105.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
7- 1	-1241.2	7250.1	0.0	11786.6	-57.0	-357.1		
5- 1	-1426.3	5345.5	0.0	12527.5	-28.5	-386.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	1	|Sx	Si	402.9	0.0	0.0	402.9
7- 1	|si	5	Tz	329.9	-12.2	0.0	330.6	
5- 1	|si	9	Ty	324.8	0.0	47.2	334.9	
-----							122.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
7- 1	-7550.4	8075.4	0.0	11786.6	-37.3	-364.0		
5- 1	-8250.1	5741.2	0.0	12527.5	-16.7	-393.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	1	|Sx	Si	442.2	0.0	0.0	442.2
7- 1	|si	5	Tz	360.9	-11.5	0.0	361.5	
5- 1	|si	9	Ty	324.9	0.0	48.1	335.4	
-----							140.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
7- 1	-13980.9	8556.3	0.0	11786.6	-17.6	-370.9		
6- 1	-15469.0	1754.8	0.0	11370.4	12.5	-392.3		
5- 1	-15195.2	5930.1	0.0	12527.5	-4.9	-400.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	1	|Sx	Si	477.6	0.0	0.0	477.6
6- 1	|si	6	Tz	357.4	11.0	0.0	357.9	
5- 1	|si	9	Ty	325.0	0.0	48.9	335.9	

VERIFICA STABILITA` :

|L0 = 140. |
Z |Lc = 140. |Ro = 6.57 |Im = 21.3 |Ncr= 1773757.6 |alfa (b) = 0.3400 |ki = 0.9838 |
Y |Lc = 140. |Ro = 3.98 |Im = 35.2 |Ncr= 651055.7 |alfa (c) = 0.4900 |ki = 0.8945 |
Caso12- 3 - Nodo 4 - Asse Y
Ned = -171.5 |Mzeq = -5763.5 |Myeq = -130.0 |Ss = -32.7 (0.012)

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Caso	MZ	MY	MT	N	TZ	TY		
5- 1	0.0	0.0	0.0	-51639.2	-92.6	-126.5		
7- 1	0.0	0.0	0.0	-47259.8	-142.8	-115.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	1	|Sx	Si	-1327.9	0.0	0.0	1327.9
7- 1	|si	5	Tz	-1215.3	-10.1	0.0	1215.4	
5- 1	|si	9	Ty	-1327.9	0.0	15.5	1328.2	
-----							18.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	-2274.9	1517.6	0.0	-51639.2	-80.8	-133.5		
7- 1	-2086.5	2326.2	0.0	-47259.8	-123.1	-122.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	3	|Sx	Si	-1358.0	0.0	0.0	1358.0
7- 1	|si	5	Tz	-1199.1	-9.3	0.0	1199.2	
5- 1	|si	9	Ty	-1327.2	0.0	16.3	1327.5	
-----							35.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	-4671.0	2828.5	0.0	-51639.2	-69.0	-140.4		
7- 1	-4294.3	4307.8	0.0	-47259.8	-103.4	-129.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	3	|Sx	Si	-1385.8	0.0	0.0	1385.8
7- 1	|si	5	Tz	-1183.3	-8.5	0.0	1183.3	
5- 1	|si	9	Ty	-1326.5	0.0	17.1	1326.9	
-----							52.	
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
5- 1	-7188.4	3932.6	0.0	-51639.2	-57.2	-147.3		
7- 1	-6623.4	5945.0	0.0	-47259.8	-83.7	-136.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	3	|Sx	Si	-1411.6	0.0	0.0	1411.6
7- 1	|si	5	Tz	-1167.9	-7.7	0.0	1168.0	
5- 1	|si	9	Ty	-1326.0	0.0	18.0	1326.4	

Copertura area carburante - Relazione di calcolo

```
----- PROGR.      70.
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 5- 1 |      -9827.1 |      4830.1 |      0.0 |      -51639.2 |      -45.4 |      -154.2 |
| 7- 1 |      -9073.7 |      7237.6 |      0.0 |      -47259.8 |      -64.0 |      -143.5 |
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx      |      Tz      |      Ty      |      Si      |
| 5- 1 |si| 3|Sx  Si |      -1435.2 |      0.0 |      0.0 |      1435.2 |
| 7- 1 |si| 5|  Tz  |      -1153.0 |      -7.0 |      0.0 |      1153.1 |
| 5- 1 |si| 9|   Ty |      -1325.6 |      0.0 |      18.8 |      1326.0 |
```

```
----- PROGR.      88.
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 5- 1 |      -12587.0 |      5520.8 |      0.0 |      -51639.2 |      -33.6 |      -161.2 |
| 7- 1 |      -11645.2 |      8185.6 |      0.0 |      -47259.8 |      -44.3 |      -150.4 |
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx      |      Tz      |      Ty      |      Si      |
| 5- 1 |si| 3|Sx  Si |      -1456.7 |      0.0 |      0.0 |      1456.7 |
| 7- 1 |si| 5|  Tz  |      -1138.6 |      -6.2 |      0.0 |      1138.7 |
| 5- 1 |si| 9|   Ty |      -1325.2 |      0.0 |      19.7 |      1325.7 |
```

```
----- PROGR.      105.
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 5- 1 |      -15468.2 |      6004.8 |      0.0 |      -51639.2 |      -21.8 |      -168.1 |
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx      |      Tz      |      Ty      |      Si      |
| 5- 1 |si| 3|Sx  Si |      -1476.0 |      0.0 |      0.0 |      1476.0 |
| 5- 1 |si| 5|  Tz  |      -1240.3 |      -5.5 |      0.0 |      1240.3 |
| 5- 1 |si| 9|   Ty |      -1325.0 |      0.0 |      20.5 |      1325.5 |
```

```
----- PROGR.      122.
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 5- 1 |      -18470.6 |      6282.1 |      0.0 |      -51639.2 |      -9.9 |      -175.0 |
| 6- 1 |      -17327.8 |      1889.4 |      0.0 |      -50234.3 |      -15.4 |      -165.7 |
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx      |      Tz      |      Ty      |      Si      |
| 5- 1 |si| 3|Sx  Si |      -1493.2 |      0.0 |      0.0 |      1493.2 |
| 6- 1 |si| 5|  Tz  |      -1207.8 |      -5.1 |      0.0 |      1207.8 |
| 5- 1 |si| 9|   Ty |      -1324.9 |      0.0 |      21.4 |      1325.4 |
```

```
----- PROGR.      140.
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 5- 1 |      -21594.3 |      6352.6 |      0.0 |      -51639.2 |      1.9 |      -182.0 |
| 6- 1 |      -20288.3 |      2159.3 |      0.0 |      -50234.3 |      -15.4 |      -172.6 |
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx      |      Tz      |      Ty      |      Si      |
| 5- 1 |si| 3|Sx  Si |      -1508.3 |      0.0 |      0.0 |      1508.3 |
| 6- 1 |si| 5|  Tz  |      -1193.6 |      -5.3 |      0.0 |      1193.6 |
| 5- 1 |si| 9|   Ty |      -1324.8 |      0.0 |      22.2 |      1325.4 |
```

VERIFICA STABILITA` :

```
|L0 = 140. |
Z |Lc = 140. |Ro = 6.57 |lm = 21.3 |Ncr= 1773757.6 |alfa(b)=0.3400 |ki=0.9838 |
Y |Lc = 140. |Ro = 3.98 |lm = 35.2 |Ncr= 651055.7 |alfa(c)=0.4900 |ki=0.8945 |
Caso 5- 1 - Nodo 3 - Asse Y
Ned = -51639.2 |Mzeq = -16195.7 |Myeq = 5562.5 |Ss = -1638.6 ( 0.626)
```

```
P_HEA160_S018 ( 18)      stato limite ultimo - ASTA ( 621- 760) 1265
----- PROGR.      0.
```

```
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 6- 1 |      24333.7 |      4318.5 |      0.0 |      2435.8 |      17.9 |      -82.5 |
| 7- 1 |      22071.3 |      -4124.7 |      0.0 |      2231.3 |      -146.7 |      -80.8 |
| 5- 1 |      24259.3 |      -524.7 |      0.0 |      2310.7 |      -80.0 |      -87.9 |
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx      |      Tz      |      Ty      |      Si      |
| 6- 1 |si| 4|Sx  Si |      229.0 |      0.0 |      0.0 |      229.0 |
| 7- 1 |si| 5|  Tz  |      -54.7 |      -9.4 |      0.0 |      57.0 |
| 5- 1 |si| 9|   Ty |      59.2 |      0.0 |      10.7 |      62.0 |
```

```
----- PROGR.      18.
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 6- 1 |      22829.5 |      4005.6 |      0.0 |      2435.8 |      17.9 |      -89.4 |
| 7- 1 |      20595.8 |      -1729.0 |      0.0 |      2231.3 |      -127.1 |      -87.8 |
| 5- 1 |      22659.8 |      771.1 |      0.0 |      2310.7 |      -68.1 |      -94.9 |
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx      |      Tz      |      Ty      |      Si      |
| 6- 1 |si| 4|Sx  Si |      218.1 |      0.0 |      0.0 |      218.1 |
| 7- 1 |si| 5|  Tz  |      -41.0 |      -8.6 |      0.0 |      43.6 |
| 5- 1 |si| 9|   Ty |      59.8 |      0.0 |      11.6 |      63.1 |
```

```
----- PROGR.      35.
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 6- 1 |      21204.1 |      3692.7 |      0.0 |      2435.8 |      17.9 |      -96.3 |
| 7- 1 |      18999.0 |      322.2 |      0.0 |      2231.3 |      -107.4 |      -94.7 |
| 5- 1 |      20939.0 |      1860.3 |      0.0 |      2310.7 |      -56.3 |      -101.8 |
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx      |      Tz      |      Ty      |      Si      |
| 6- 1 |si| 4|Sx  Si |      206.7 |      0.0 |      0.0 |      206.7 |
| 7- 1 |si| 5|  Tz  |      -27.8 |      -7.8 |      0.0 |      30.9 |
| 5- 1 |si| 9|   Ty |      60.3 |      0.0 |      12.4 |      64.1 |
```

```
----- PROGR.      52.
SOLLECITAZIONI      :
| Caso |      MZ      |      MY      |      MT      |      N      |      TZ      |      TY      |
| 6- 1 |      19457.4 |      3379.8 |      0.0 |      2435.8 |      17.9 |      -103.3 |
| 7- 1 |      17281.0 |      2028.9 |      0.0 |      2231.3 |      -87.7 |      -101.6 |
| 5- 1 |      19097.0 |      2742.7 |      0.0 |      2310.7 |      -44.5 |      -108.7 |
```

```
TENSIONI (Sz= 0.00) :
```

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|	|si| 4|	Sx Si |	194.7|	0.0|	0.0|	194.7|
| 7- 1|	|si| 5|	Tz |	-15.0|	-7.0|	0.0|	19.3|
| 5- 1|	|si| 9|	Ty |	60.8|	0.0|	13.3|	65.0|
----- PROGR. 70.						

SOLLECITAZIONI :	MZ |	MY |	MT |	N |	TZ |	TY |
| Caso |	17589.4|	3066.8|	0.0|	2435.8|	17.9|	-110.2|
| 6- 1|	15441.7|	3391.0|	0.0|	2231.3|	-68.0|	-108.6|
| 7- 1|	17133.7|	3418.4|	0.0|	2310.7|	-32.7|	-115.7|
| 5- 1|	-----					

TENSIONI (Sz=	0.00) :	Sx |	Tz |	Ty |	Si |	
| Caso |	|Ve|No|	massimi |	182.2|	0.0|	0.0|	182.2|
| 6- 1|	|si| 4|	Sx Si |	-2.7|	0.0|	11.1|	
| 7- 1|	|si| 5|	Tz |	61.1|	0.0|	14.1|	65.8|
| 5- 1|	|si| 9|	Ty |	----- PROGR. 88.			

SOLLECITAZIONI :	MZ |	MY |	MT |	N |	TZ |	TY |
| Caso |	15049.1|	3887.4|	0.0|	2310.7|	-20.9|	-122.6|
| 5- 1|	13481.2|	4408.7|	0.0|	2231.3|	-48.3|	-115.5|
| 7- 1|	-----					

TENSIONI (Sz=	0.00) :	Sx |	Tz |	Ty |	Si |	
| Caso |	|Ve|No|	massimi |	178.1|	0.0|	178.1|	
| 5- 1|	|si| 4|	Sx Si |	9.2|	0.0|	13.2|	
| 7- 1|	|si| 5|	Tz |	61.3|	0.0|	15.0|	66.6|
| 5- 1|	|si| 9|	Ty |	----- PROGR. 105.			

SOLLECITAZIONI :	MZ |	MY |	MT |	N |	TZ |	TY |
| Caso |	11399.4|	5081.7|	0.0|	2231.3|	-28.6|	-122.4|
| 7- 1|	12843.3|	4149.7|	0.0|	2310.7|	-9.1|	-129.5|
| 5- 1|	-----					

TENSIONI (Sz=	0.00) :	Sx |	Tz |	Ty |	Si |	
| Caso |	|Ve|No|	massimi |	175.1|	0.0|	175.1|	
| 7- 1|	|si| 4|	Sx Si |	20.6|	0.0|	22.1|	
| 7- 1|	|si| 5|	Tz |	61.4|	0.0|	15.8|	67.3|
| 5- 1|	|si| 9|	Ty |	----- PROGR. 122.			

SOLLECITAZIONI :	MZ |	MY |	MT |	N |	TZ |	TY |
| Caso |	9196.3|	5410.3|	0.0|	2231.3|	-8.9|	-129.4|
| 7- 1|	11258.0|	2128.0|	0.0|	2435.8|	17.9|	-131.0|
| 6- 1|	10516.2|	4205.3|	0.0|	2310.7|	2.7|	-136.4|
| 5- 1|	-----					

TENSIONI (Sz=	0.00) :	Sx |	Tz |	Ty |	Si |	
| Caso |	|Ve|No|	massimi |	169.3|	0.0|	169.3|	
| 7- 1|	|si| 4|	Sx Si |	5.4|	4.3|	9.3|	
| 6- 1|	|si| 6|	Tz |	61.5|	0.0|	16.7|	67.9|
| 5- 1|	|si| 9|	Ty |	----- PROGR. 140.			

SOLLECITAZIONI :	MZ |	MY |	MT |	N |	TZ |	TY |
| Caso |	6872.0|	5394.3|	0.0|	2231.3|	10.8|	-136.3|
| 7- 1|	8905.0|	1815.1|	0.0|	2435.8|	17.9|	-137.9|
| 6- 1|	8067.9|	4054.1|	0.0|	2310.7|	14.5|	-143.4|
| 5- 1|	-----					

TENSIONI (Sz=	0.00) :	Sx |	Tz |	Ty |	Si |	
| Caso |	|Ve|No|	massimi |	158.6|	0.0|	158.6|	
| 7- 1|	|si| 4|	Sx Si |	17.0|	4.5|	18.7|	
| 6- 1|	|si| 6|	Tz |	61.4|	0.0|	17.5|	68.5|
| 5- 1|	|si| 9|	Ty |	-----			

VERIFICA STABILITA` :

|L0 = 140. |
 Z |Lc = 140. |Ro = 6.57|Im = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|
 Y |Lc = 140. |Ro = 3.98|Im = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|
 Caso 7- 2 - Nodo 2 - Asse Y
 Ned = -1207.3|Mzeq = 3981.2|Myeq = 6973.6|Ss = -143.5 (0.055)

P_HEA160_S018 (18) stato limite ultimo - ASTA (622- 762) 1266
 ----- PROGR. 0.

SOLLECITAZIONI :	MZ |	MY |	MT |	N |	TZ |	TY |
| Caso |	45190.1|	-4597.0|	0.0|	22582.0|	-106.5|	-212.4|
| 5- 1|	41448.2|	-7136.7|	0.0|	20876.0|	-165.9|	-196.7|
| 7- 1|	-----					

TENSIONI (Sz=	0.00) :	Sx |	Tz |	Ty |	Si |	
| Caso |	|Ve|No|	massimi |	845.2|	0.0|	845.2|	
| 5- 1|	|si| 3|	Sx Si |	328.2|	-13.4|	0.0|	329.0|
| 7- 1|	|si| 5|	Tz |	578.5|	0.0|	25.9|	580.2|
| 5- 1|	|si| 9|	Ty |	----- PROGR. 18.			

SOLLECITAZIONI :	MZ |	MY |	MT |	N |	TZ |	TY |
| Caso |	41412.7|	-2836.9|	0.0|	22582.0|	-94.7|	-219.3|
| 5- 1|	37944.8|	-4406.4|	0.0|	20876.0|	-146.2|	-203.7|
| 7- 1|	-----					

TENSIONI (Sz=	0.00) :	Sx |	Tz |	Ty |	Si |	
| Caso |	|Ve|No|	massimi |	805.2|	0.0|	805.2|	
| 5- 1|	|si| 3|	Sx Si |	352.0|	-12.6|	0.0|	352.7|
| 7- 1|	|si| 5|	Tz |	579.3|	0.0|	26.8|	581.2|
| 5- 1|	|si| 9|	Ty |	----- PROGR. 35.			

SOLLECITAZIONI :	MZ |	MY |	MT |	N |	TZ |	TY |
| Caso |	37514.0|	-1283.5|	0.0|	22582.0|	-82.9|	-226.2|
| 5- 1|	34320.1|	-2020.7|	0.0|	20876.0|	-126.5|	-210.6|
| 7- 1|	-----					

TENSIONI (Sz=	0.00) :	Sx |	Tz |	Ty |	Si |	
| Caso |	|Ve|No|	massimi |	767.4|	0.0|	767.4|	
| 5- 1|	|si| 3|	Sx Si |	375.4|	-11.8|	0.0|	376.0|
| 7- 1|	|si| 5|	Tz |	580.1|	0.0|	27.6|	582.1|
| 5- 1|	|si| 9|	Ty |	----- PROGR. 52.			

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	33494.1	63.2	0.0	22582.0	-71.0	-233.2
| 7- 1 |	30574.2	20.5	0.0	20876.0	-106.8	-217.5
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	733.3	0.0	0.0	733.3
| 7- 1 |	si| 5| Tz		398.4	-11.0	0.0	398.8
| 5- 1 |	si| 9| Ty		580.7	0.0	28.5	582.8
----- PROGR. 70.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	29352.9	1203.2	0.0	22582.0	-59.2	-240.1
| 7- 1 |	26707.1	1717.2	0.0	20876.0	-87.1	-224.4
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	729.3	0.0	0.0	729.3
| 7- 1 |	si| 5| Tz		420.8	-10.2	0.0	421.2
| 5- 1 |	si| 9| Ty		581.3	0.0	29.3	583.5
----- PROGR. 88.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	25090.5	2136.4	0.0	22582.0	-47.4	-247.0
| 7- 1 |	22718.6	3069.4	0.0	20876.0	-67.4	-231.4
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	722.1	0.0	0.0	722.1
| 7- 1 |	si| 5| Tz		442.9	-9.4	0.0	443.2
| 5- 1 |	si| 9| Ty		581.7	0.0	30.2	584.1
----- PROGR. 105.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	20706.8	2862.9	0.0	22582.0	-35.6	-254.0
| 7- 1 |	18608.9	4077.0	0.0	20876.0	-47.7	-238.3
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	711.7	0.0	0.0	711.7
| 7- 1 |	si| 5| Tz		464.4	-8.7	0.0	464.7
| 5- 1 |	si| 9| Ty		582.1	0.0	31.0	584.6
----- PROGR. 122.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	16201.8	3382.8	0.0	22582.0	-23.8	-260.9
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	698.1	0.0	0.0	698.1
| 5- 1 |	si| 5| Tz		517.2	-8.1	0.0	517.4
| 5- 1 |	si| 9| Ty		582.4	0.0	31.9	585.0
----- PROGR. 140.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	11575.6	3695.9	0.0	22582.0	-12.0	-267.8
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	681.2	0.0	0.0	681.2
| 5- 1 |	si| 5| Tz		539.1	-7.7	0.0	539.2
| 5- 1 |	si| 9| Ty		582.5	0.0	32.7	585.3
----- PROGR. 140.						
VERIFICA STABILITA' : asta tesa per tutti i casi di carico.						
P_HEA160_S018 (18)	stato limite ultimo - ASTA (623- 764)					1267
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1 |	34927.6	-4795.9	0.0	12617.7	-174.6	-270.2
| 5- 1 |	37750.8	-1241.2	0.0	13390.8	-98.9	-292.8
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 7- 1 |	si| 3|Sx	Si	545.0	0.0	0.0	545.0
| 7- 1 |	si| 5| Tz		152.2	-15.8	0.0	154.6
| 5- 1 |	si| 9| Ty		343.7	0.0	35.8	349.3
----- PROGR. 18.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	32566.3	386.7	0.0	13390.8	-87.1	-299.7
| 7- 1 |	30138.4	-1912.2	0.0	12617.7	-154.9	-277.1
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	496.9	0.0	0.0	496.9
| 7- 1 |	si| 5| Tz		182.3	-15.0	0.0	184.2
| 5- 1 |	si| 9| Ty		344.5	0.0	36.6	350.3
----- PROGR. 35.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	27260.5	1808.0	0.0	13390.8	-75.3	-306.7
| 7- 1 |	25228.1	627.0	0.0	12617.7	-135.3	-284.1
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	491.4	0.0	0.0	491.4
| 7- 1 |	si| 5| Tz		212.0	-14.2	0.0	213.4
| 5- 1 |	si| 9| Ty		345.2	0.0	37.5	351.3
----- PROGR. 52.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	21833.4	3022.5	0.0	13390.8	-63.5	-313.6
| 7- 1 |	20196.4	2821.7	0.0	12617.7	-115.6	-291.0
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si| 4|Sx	Si	482.5	0.0	0.0	482.5
| 7- 1 |	si| 5| Tz		241.2	-13.4	0.0	242.3

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9|	Ty	|	345.8|	0.0|	38.3|	352.1|			
----- PROGR. 70.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 5- 1|	16285.1|		4030.3|		0.0|		13390.8|		-51.7|
| 7- 1|	15043.5|		4671.8|		0.0|		12617.7|		-95.9|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 4|Sx	Si	|	470.5|		0.0|		0.0|		470.5|
| 7- 1|si| 5|	Tz	|	270.0|		-12.6|		0.0|		270.8|
| 5- 1|si| 9|	Ty	|	346.3|		0.0|		39.1|		352.9|
----- PROGR. 88.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 5- 1|	10615.6|		4831.4|		0.0|		13390.8|		-39.9|
| 7- 1|	9769.3|		6177.4|		0.0|		12617.7|		-76.2|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 4|Sx	Si	|	455.2|		0.0|		0.0|		455.2|
| 7- 1|si| 5|	Tz	|	298.3|		-11.8|		0.0|		299.0|
| 5- 1|si| 9|	Ty	|	346.7|		0.0|		40.0|		353.6|
----- PROGR. 105.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	4373.9|		7338.5|		0.0|		12617.7|		-56.5|
| 5- 1|	4824.7|		5425.8|		0.0|		13390.8|		-28.1|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 7- 1|si| 4|Sx	Si	|	439.6|		0.0|		0.0|		439.6|
| 7- 1|si| 5|	Tz	|	326.1|		-11.0|		0.0|		326.7|
| 5- 1|si| 9|	Ty	|	347.0|		0.0|		40.8|		354.1|
----- PROGR. 122.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	-1142.8|		8155.0|		0.0|		12617.7|		-36.8|
| 5- 1|	-1087.4|		5813.4|		0.0|		13390.8|		-16.2|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 7- 1|si| 1|Sx	Si	|	435.6|		0.0|		0.0|		435.6|
| 7- 1|si| 5|	Tz	|	353.5|		-10.2|		0.0|		353.9|
| 5- 1|si| 9|	Ty	|	347.2|		0.0|		41.7|		354.6|
----- PROGR. 140.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 7- 1|	-6780.7|		8627.0|		0.0|		12617.7|		-17.1|
| 6- 1|	-7204.5|		1804.1|		0.0|		12026.4|		12.9|
| 5- 1|	-7120.7|		5994.4|		0.0|		13390.8|		-4.4|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 7- 1|si| 1|Sx	Si	|	467.3|		0.0|		0.0|		467.3|
| 6- 1|si| 6|	Tz	|	336.6|		9.5|		0.0|		337.0|
| 5- 1|si| 9|	Ty	|	347.3|		0.0|		42.5|		355.0|
----- PROGR. 140.									
VERIFICA STABILITA` :									
|L0 = 140.0|									
Z |Lc = 140.0|Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|									
Y |Lc = 140.0|Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|									
Caso12- 3 - Nodo 4 - Asse Y									
Ned = -575.1|Mzeq = -3652.0|Myeq = -29.6|Ss = -33.5 (0.013)									
P_HEA160_S018 (18) stato limite ultimo - ASTA (344- 766) 1268									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 5- 1|	0.0|		0.0|		0.0|		-33450.4|		-92.1|
| 7- 1|	0.0|		0.0|		0.0|		-30606.7|		-144.8|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 1|Sx	Si	|	-860.2|		0.0|		0.0|		860.2|
| 7- 1|si| 5|	Tz	|	-787.1|		-8.5|		0.0|		787.2|
| 5- 1|si| 9|	TySi	|	-860.2|		0.0|		6.7|		860.3|
----- PROGR. 18.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 5- 1|	-1057.0|		1557.7|		0.0|		-33450.4|		-79.8|
| 7- 1|	-966.3|		2439.7|		0.0|		-30606.7|		-124.4|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 3|Sx	Si	|	-885.2|		0.0|		0.0|		885.2|
| 7- 1|si| 5|	Tz	|	-775.6|		-7.6|		0.0|		775.7|
| 5- 1|si| 9|	Ty	|	-859.4|		0.0|		7.6|		859.5|
----- PROGR. 36.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 5- 1|	-2244.1|		2893.6|		0.0|		-33450.4|		-67.6|
| 7- 1|	-2062.7|		4509.9|		0.0|		-30606.7|		-104.0|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 3|Sx	Si	|	-908.0|		0.0|		0.0|		908.0|
| 7- 1|si| 5|	Tz	|	-764.5|		-6.8|		0.0|		764.6|
| 5- 1|si| 9|	Ty	|	-858.8|		0.0|		8.4|		858.9|
----- PROGR. 54.									
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ
| 5- 1|	-3561.2|		4007.8|		0.0|		-33450.4|		-55.4|
| 7- 1|	-3289.1|		6210.5|		0.0|		-30606.7|		-83.6|
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 3|Sx	Si	-928.4|	0.0|	0.0|	928.4|
| 7- 1|si| 5| Tz		-754.0|	-6.0|	0.0|	754.1|
| 5- 1|si| 9| Ty		-858.2|	0.0|	9.3|	858.4|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-5008.5|	4900.3|	0.0|	-33450.4|	-43.1|	-83.4|
| 7- 1|	-4645.6|	7541.5|	0.0|	-30606.7|	-63.2|	-78.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	-946.6|	0.0|	946.6|	
| 7- 1|si| 5| Tz		-744.0|	-5.2|	0.0|	744.0|
| 5- 1|si| 9| Ty		-857.8|	0.0|	10.2|	858.0|

PROGR.

91.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-6585.8|	5571.0|	0.0|	-33450.4|	-30.9|	-90.6|
| 7- 1|	-6132.2|	8502.9|	0.0|	-30606.7|	-42.8|	-85.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	-962.4|	0.0|	962.4|	
| 7- 1|si| 5| Tz		-734.4|	-4.4|	0.0|	734.5|
| 5- 1|si| 9| Ty		-857.5|	0.0|	11.1|	857.7|

PROGR.

109.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-8293.2|	6019.9|	0.0|	-33450.4|	-18.7|	-97.8|
| 11- 8|	-3788.2|	6249.1|	0.0|	-10135.6|	-57.5|	-51.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	-976.0|	0.0|	976.0|	
| 11- 8|si| 5| Tz		-225.2|	-4.2|	0.0|	225.3|
| 5- 1|si| 9| Ty		-857.3|	0.0|	11.9|	857.5|

PROGR.

127.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-10130.6|	6247.1|	0.0|	-33450.4|	-6.4|	-105.0|
| 11- 8|	-4769.7|	7290.6|	0.0|	-10135.6|	-57.5|	-56.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	-987.3|	0.0|	987.3|	
| 11- 8|si| 5| Tz		-217.7|	-4.3|	0.0|	217.8|
| 5- 1|si| 9| Ty		-857.1|	0.0|	12.8|	857.4|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-12098.2|	6252.6|	0.0|	-33450.4|	5.8|	-112.1|
| 11- 8|	-5851.4|	8332.1|	0.0|	-10135.6|	-57.5|	-62.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 3|Sx	Si	-996.3|	0.0|	996.3|	
| 11- 8|si| 5| Tz		-209.8|	-4.5|	0.0|	209.9|
| 5- 1|si| 9| Ty		-857.1|	0.0|	13.7|	857.5|

VERIFICA STABILITA` :

|L0 = 145.1|
 Z |Lc = 145.1|Ro = 6.57|lm = 22.1|Ncr= 1653538.6|alfa(b)=0.3400|ki=0.9807|
 Y |Lc = 145.1|Ro = 3.98|lm = 36.4|Ncr= 606929.5|alfa(c)=0.4900|ki=0.8868|
 Caso 5- 1 - Nodo 3 - Asse Y
 Ned = -33450.4|Mzeq = -9073.6|Myeq = 5601.6|Ss = -1089.0 (0.416)

P_HEA160_S018 (18) stato limite ultimo - ASTA (658- 768) 1269
 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	26043.9|	-5313.7|	0.0|	5476.0|	-162.2|	-130.9|
| 5- 1|	28554.0|	-1686.8|	0.0|	5802.9|	-97.2|	-143.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 7- 1|si| 3|Sx	Si	327.9|	0.0|	327.9|	
| 7- 1|si| 5| Tz		7.3|	-11.5|	0.0|	21.1|
| 5- 1|si| 9| Ty		148.4|	0.0|	17.6|	151.5|

PROGR.

18.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	25899.3|	3323.9|	0.0|	5825.6|	0.4|	-147.9|
| 7- 1|	23606.9|	-2558.3|	0.0|	5476.0|	-141.8|	-138.0|
| 5- 1|	25881.3|	-35.9|	0.0|	5802.9|	-85.0|	-151.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 4|Sx	Si	310.3|	0.0|	310.3|	
| 7- 1|si| 5| Tz		26.4|	-10.6|	0.0|	32.2|
| 5- 1|si| 9| Ty		149.2|	0.0|	18.4|	152.6|

PROGR.

36.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	23152.7|	3317.0|	0.0|	5825.6|	0.4|	-155.1|
| 7- 1|	21039.8|	-172.6|	0.0|	5476.0|	-121.4|	-145.2|
| 5- 1|	23078.4|	1393.2|	0.0|	5802.9|	-72.7|	-158.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 4|Sx	Si	297.8|	0.0|	297.8|	
| 7- 1|si| 5| Tz		45.0|	-9.8|	0.0|	48.1|
| 5- 1|si| 9| Ty		149.9|	0.0|	19.3|	153.6|

PROGR.

54.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	20276.1|	3310.2|	0.0|	5825.6|	0.4|	-162.3|

Copertura area carburante - Relazione di calcolo

| 7- 1|	18342.5|	1843.6|	0.0|	5476.0|	-101.0|	-152.4|
| 5- 1|	20145.5|	2600.5|	0.0|	5802.9|	-60.5|	-165.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx Si|	284.7|	0.0|	0.0|	284.7|
| 7- 1|si| 5| Tz |	63.1|	-9.0|	0.0|	65.0|
| 5- 1|si| 9| Ty |	150.5|	0.0|	20.2|	154.5|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	17082.6|	3586.1|	0.0|	5802.9|	-48.3|	-172.6|
| 7- 1|	15515.3|	3490.3|	0.0|	5476.0|	-80.7|	-159.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	273.2|	0.0|	0.0|	273.2|
| 7- 1|si| 5| Tz |	80.7|	-8.2|	0.0|	82.0|
| 5- 1|si| 9| Ty |	151.0|	0.0|	21.1|	155.3|

----- PROGR. 91.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	13889.5|	4349.9|	0.0|	5802.9|	-36.0|	-179.8|
| 7- 1|	12557.9|	4767.3|	0.0|	5476.0|	-60.3|	-166.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	268.7|	0.0|	0.0|	268.7|
| 7- 1|si| 5| Tz |	97.9|	-7.4|	0.0|	98.7|
| 5- 1|si| 9| Ty |	151.3|	0.0|	22.0|	156.0|

----- PROGR. 109.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	10566.4|	4892.0|	0.0|	5802.9|	-23.8|	-186.9|
| 7- 1|	9470.5|	5674.8|	0.0|	5476.0|	-39.9|	-173.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	260.7|	0.0|	0.0|	260.7|
| 7- 1|si| 5| Tz |	114.5|	-6.6|	0.0|	115.1|
| 5- 1|si| 9| Ty |	151.6|	0.0|	22.8|	156.7|

----- PROGR. 127.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	6253.0|	6212.6|	0.0|	5476.0|	-19.5|	-181.1|
| 5- 1|	7113.2|	5212.4|	0.0|	5802.9|	-11.6|	-194.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1|si| 4|Sx Si|	249.9|	0.0|	0.0|	249.9|
| 7- 1|si| 5| Tz |	130.7|	-5.7|	0.0|	131.0|
| 5- 1|si| 9| Ty |	151.8|	0.0|	23.7|	157.2|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	2905.4|	6380.9|	0.0|	5476.0|	0.9|	-188.3|
| 5- 1|	3529.9|	5311.0|	0.0|	5802.9|	0.7|	-201.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1|si| 4|Sx Si|	236.9|	0.0|	0.0|	236.9|
| 5- 1|si| 6| Tz |	117.7|	5.4|	0.0|	118.1|
| 5- 1|si| 9| Ty |	151.8|	0.0|	24.6|	157.7|

VERIFICA STABILITA` :

|L0 = 145. |
 Z |Lc = 145. |Ro = 6.57|lm = 22.1|Ncr= 1653538.6|alfa(b)=0.3400|ki=0.9807|
 Y |Lc = 145. |Ro = 3.98|lm = 36.4|Ncr= 606929.5|alfa(c)=0.4900|ki=0.8868|
 Caso 7- 2 - Nodo 2 - Asse Y
 Ned = -322.9|Mzeq = 4096.0|Myeq = 7019.6|Ss = -119.2 (0.046)

P_HEA160_S018 (18) stato limite ultimo - ASTA (659- 770) 1270
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	31806.3|	-5577.5|	0.0|	8678.7|	-182.4|	-227.6|
| 5- 1|	34528.7|	-1883.2|	0.0|	9170.1|	-104.4|	-248.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1|si| 3|Sx Si|	439.8|	0.0|	0.0|	439.8|
| 7- 1|si| 5| Tz |	62.8|	-15.0|	0.0|	67.9|
| 5- 1|si| 9| Ty |	234.9|	0.0|	30.3|	240.7|

----- PROGR. 18.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	27616.7|	-2457.1|	0.0|	8678.7|	-162.0|	-234.7|
| 5- 1|	29960.3|	-102.4|	0.0|	9170.1|	-92.1|	-255.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1|si| 3|Sx Si|	380.2|	0.0|	0.0|	380.2|
| 7- 1|si| 5| Tz |	90.9|	-14.2|	0.0|	94.1|
| 5- 1|si| 9| Ty |	235.8|	0.0|	31.2|	241.9|

----- PROGR. 36.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	25261.8|	1456.7|	0.0|	9170.1|	-79.9|	-262.8|
| 7- 1|	23297.0|	293.8|	0.0|	8678.7|	-141.6|	-241.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	369.2|	0.0|	0.0|	369.2|
| 7- 1|si| 5| Tz |	118.5|	-13.4|	0.0|	120.7|
| 5- 1|si| 9| Ty |	236.5|	0.0|	32.1|	243.0|

----- PROGR. 54.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	20433.3	2794.0	0.0	9170.1	-67.7	-270.0
7- 1	18847.2	2675.1	0.0	8678.7	-121.2	-249.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	|Sx	Si	364.7	0.0	0.0	364.7
7- 1	|si	5	Tz	145.6	-12.6	0.0	147.2	
5- 1	|si	9	Ty	237.2	0.0	33.0	244.0	

72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	15474.6	3909.6	0.0	9170.1	-55.4	-277.2
7- 1	14267.3	4686.8	0.0	8678.7	-100.8	-256.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	|Sx	Si	356.7	0.0	0.0	356.7
7- 1	|si	5	Tz	172.2	-11.7	0.0	173.4	
5- 1	|si	9	Ty	237.7	0.0	33.9	244.8	

91.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	9557.4	6328.9	0.0	8678.7	-80.4	-263.4
5- 1	10385.9	4803.4	0.0	9170.1	-43.2	-284.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	4	|Sx	Si	348.7	0.0	0.0	348.7
7- 1	|si	5	Tz	198.4	-10.9	0.0	199.3	
5- 1	|si	9	Ty	238.2	0.0	34.7	245.6	

109.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	4717.4	7601.5	0.0	8678.7	-60.0	-270.6
5- 1	5167.2	5475.5	0.0	9170.1	-31.0	-291.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	4	|Sx	Si	343.3	0.0	0.0	343.3
7- 1	|si	5	Tz	224.0	-10.1	0.0	224.7	
5- 1	|si	9	Ty	238.5	0.0	35.6	246.3	

127.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-252.7	8504.4	0.0	8678.7	-39.6	-277.8
5- 1	-181.7	5925.8	0.0	9170.1	-18.7	-298.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	1	|Sx	Si	334.8	0.0	0.0	334.8
7- 1	|si	5	Tz	249.2	-9.3	0.0	249.7	
5- 1	|si	9	Ty	238.7	0.0	36.5	246.9	

145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-5352.9	9037.8	0.0	8678.7	-19.2	-285.0
5- 1	-5660.6	6154.4	0.0	9170.1	-6.5	-305.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	1	|Sx	Si	364.9	0.0	0.0	364.9
7- 1	|si	5	Tz	273.9	-8.5	0.0	274.2	
5- 1	|si	9	Ty	238.8	0.0	37.4	247.4	

VERIFICA STABILITA` :

$I_0 = 145.1$
 $Z \quad |Lc = 145. |Ro = 6.57|lm = 22.1|Ncr = 1653538.6|alfa(b) = 0.3400|ki = 0.9807|$
 $Y \quad |Lc = 145. |Ro = 3.98|lm = 36.4|Ncr = 606929.5|alfa(c) = 0.4900|ki = 0.8868|$
 Caso11-13 - Nodo 1 - Asse Y
 $Ned = -205.4|Mzeq = 3541.6|Myeq = -1865.5|Ss = -46.3 (0.018)$

P_HEA160_S018 (18) stato limite ultimo - ASTA (362- 772) 1271
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-27195.8	-102.6	-8.1
7- 2	0.0	0.0	0.0	-5901.3	153.1	32.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	1	|Sx	Si	-699.4	0.0	0.0	699.4
7- 2	|si	5	Tz	-151.8	8.4	0.0	152.5	
7- 2	|si	9	Ty	-151.8	0.0	-3.9	151.9	
5- 1	|si	5	Si	-699.4	-5.3	0.0	699.4	

21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-260.6	2028.3	0.0	-27195.8	-88.3	-16.5
7- 1	-219.1	3232.1	0.0	-24808.6	-140.1	-14.5
7- 2	596.3	-2999.0	0.0	-5901.3	129.2	23.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	3	|Sx	Si	-726.9	0.0	0.0	726.9
7- 1	|si	5	Tz	-627.5	-7.3	0.0	627.6	
7- 2	|si	9	Ty	-153.2	0.0	-2.9	153.3	

42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-700.0	3751.8	0.0	-27195.8	-73.9	-24.9
7- 1	-617.1	5956.2	0.0	-24808.6	-116.2	-22.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	3	|Sx	Si	-751.3	0.0	0.0	751.3
7- 1	|si	5	Tz	-617.8	-6.3	0.0	617.9	

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9| Ty | -697.5| 0.0| 3.0| 697.5|
----- PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-1318.2|	5170.6|	0.0|	-27195.8|	-59.6|	-33.3|
7- 1|	-1193.8|	8172.2|	0.0|	-24808.6|	-92.3|	-31.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx	Si			-772.5|	0.0|	0.0|	772.5|
7- 1|si| 5| Tz				-608.7|	-5.4|	0.0|	608.7|
5- 1|si| 9| Ty				-696.8|	0.0|	4.1|	696.9|

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-2115.3|	6284.5|	0.0|	-27195.8|	-45.2|	-41.7|
7- 1|	-1949.4|	9880.3|	0.0|	-24808.6|	-68.4|	-39.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx	Si			-790.6|	0.0|	0.0|	790.6|
7- 1|si| 5| Tz				-600.2|	-4.4|	0.0|	600.3|
5- 1|si| 9| Ty				-696.3|	0.0|	5.1|	696.3|

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-3091.1|	7093.6|	0.0|	-27195.8|	-30.9|	-50.1|
7- 1|	-2883.7|	11080.3|	0.0|	-24808.6|	-44.5|	-48.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx	Si			-805.5|	0.0|	0.0|	805.5|
7- 1|si| 5| Tz				-592.5|	-3.5|	0.0|	592.5|
5- 1|si| 9| Ty				-695.9|	0.0|	6.1|	696.0|

----- PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-4245.7|	7597.9|	0.0|	-27195.8|	-16.6|	-58.5|
7- 1|	-3996.8|	11772.4|	0.0|	-24808.6|	-20.6|	-56.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx	Si			-817.3|	0.0|	0.0|	817.3|
7- 1|si| 5| Tz				-585.4|	-2.5|	0.0|	585.5|
5- 1|si| 9| Ty				-695.7|	0.0|	7.2|	695.8|

----- PROGR. 149.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-5579.1|	7797.4|	0.0|	-27195.8|	-2.2|	-67.0|
6- 1|	-4733.6|	1377.8|	0.0|	-25679.7|	-9.3|	-61.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx	Si			-825.9|	0.0|	0.0|	825.9|
6- 1|si| 5| Tz				-634.9|	-2.1|	0.0|	634.9|
5- 1|si| 9| Ty				-695.6|	0.0|	8.2|	695.7|

----- PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-7091.3|	7692.0|	0.0|	-27195.8|	12.1|	-75.4|
7- 1|	-6759.5|	11632.5|	0.0|	-24808.6|	27.2|	-73.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 3|Sx	Si			-831.4|	0.0|	0.0|	831.4|
7- 1|si| 6| Tz				-641.3|	3.3|	0.0|	641.4|
5- 1|si| 9| Ty				-695.6|	0.0|	9.2|	695.8|

VERIFICA STABILITA` :

|L0 = 170.1
Z |Lc = 170.1|Ro = 6.57|lm = 25.9|Ncr= 1202963.6|alfa(b)=0.3400|ki=0.9648|
Y |Lc = 170.1|Ro = 3.98|lm = 42.7|Ncr= 441546.5|alfa(c)=0.4900|ki=0.8474|
Caso 5- 1 - Nodo 3 - Asse Y
Ned = -27195.8|Mzeq = -5318.5|Myeq = 7113.1|Ss = -948.5 (0.362)

P_HEA160_S018 (18) stato limite ultimo - ASTA (694- 774) 1272
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	39818.0|	-9247.6|	0.0|	13188.8|	-189.7|	-182.7|
5- 1|	43775.7|	-4123.4|	0.0|	14246.1|	-113.2|	-201.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|Sx	Si			639.7|	0.0|	0.0|	639.7|
7- 1|si| 5| Tz				131.7|	-14.2|	0.0|	134.0|
5- 1|si| 9| Ty				364.3|	0.0|	24.6|	366.8|

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	39540.9|	3118.8|	0.0|	14302.8|	1.4|	-208.1|
7- 1|	35846.6|	-5470.0|	0.0|	13188.8|	-165.8|	-191.1|
5- 1|	39407.2|	-1870.0|	0.0|	14246.1|	-98.9|	-209.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|Sx	Si			587.5|	0.0|	0.0|	587.5|
7- 1|si| 5| Tz				160.7|	-13.2|	0.0|	162.4|
5- 1|si| 9| Ty				365.4|	0.0|	25.6|	368.1|

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	35028.6|	3088.5|	0.0|	14302.8|	1.4|	-216.5|
7- 1|	31696.4|	-2200.4|	0.0|	13188.8|	-141.9|	-199.5|
5- 1|	34859.9|	78.6|	0.0|	14246.1|	-84.5|	-218.2|

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	4	Sx	Si	566.6	0.0	0.0
7-1	|si|	5	Tz		189.1	-12.3	0.0
5-1	|si|	9	Ty		366.4	0.0	26.7

64.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6-1	|	30337.6	3058.1	0.0	14302.8	1.4	-225.0
7-1	|	27367.5	561.2	0.0	13188.8	-118.0	-207.9
5-1	|	30133.9	1722.5	0.0	14246.1	-70.2	-226.6

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	4	Sx	Si	545.0	0.0	0.0
7-1	|si|	5	Tz		216.8	-11.3	0.0
5-1	|si|	9	Ty		367.2	0.0	27.7

85.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6-1	|	25467.7	3027.7	0.0	14302.8	1.4	-233.4
7-1	|	22859.7	2814.8	0.0	13188.8	-94.1	-216.3
5-1	|	25229.0	3061.5	0.0	14246.1	-55.8	-235.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	4	Sx	Si	522.5	0.0	0.0
7-1	|si|	5	Tz		243.8	-10.4	0.0
5-1	|si|	9	Ty		367.8	0.0	28.7

106.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
5-1	|	20145.4	4095.7	0.0	14246.1	-41.5	-243.4
7-1	|	18173.2	4560.3	0.0	13188.8	-70.2	-224.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	4	Sx	Si	510.8	0.0	0.0
7-1	|si|	5	Tz		270.1	-9.4	0.0
5-1	|si|	9	Ty		368.3	0.0	29.7

128.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
5-1	|	14882.9	4825.1	0.0	14246.1	-27.2	-251.9
7-1	|	13307.8	5797.9	0.0	13188.8	-46.3	-233.2

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	4	Sx	Si	496.5	0.0	0.0
7-1	|si|	5	Tz		295.8	-8.4	0.0
5-1	|si|	9	Ty		368.7	0.0	30.8

149.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
5-1	|	9441.7	5249.7	0.0	14246.1	-12.8	-260.3

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	4	Sx	Si	477.3	0.0	0.0
5-1	|si|	5	Tz		338.9	-7.5	0.0
5-1	|si|	9	Ty		368.9	0.0	31.8

170.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
5-1	|	3821.6	5369.5	0.0	14246.1	1.5	-268.7

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	4	Sx	Si	453.4	0.0	0.0
5-1	|si|	6	Tz		333.3	7.2	0.0
5-1	|si|	9	Ty		369.0	0.0	32.8

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
7-1	|	37515.2	-9767.0	0.0	7387.4	-220.0	-299.3
5-1	|	40892.0	-4645.2	0.0	7776.0	-128.4	-327.7

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si|	3	Sx	Si	486.9	0.0	0.0
7-1	|si|	5	Tz		-8.6	-18.8	0.0
5-1	|si|	9	Ty		197.7	0.0	40.0

21.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
7-1	|	31064.9	-5346.5	0.0	7387.4	-196.1	-307.8
5-1	|	33838.2	-2068.8	0.0	7776.0	-114.1	-336.2

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si|	3	Sx	Si	400.2	0.0	0.0
7-1	|si|	5	Tz		33.6	-17.8	0.0
5-1	|si|	9	Ty		199.0	0.0	41.1

42.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6-1	|	25723.3	2330.4	0.0	6937.0	7.8	-339.5
7-1	|	24435.8	-1434.0	0.0	7387.4	-172.2	-316.2
5-1	|	26605.5	202.7	0.0	7776.0	-99.7	-344.6

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	4	Sx	Si	325.2	0.0	0.0
7-1	|si|	5	Tz		75.1	-16.9	0.0
5-1	|si|	9	Ty		200.1	0.0	42.1

Copertura area carburante - Relazione di calcolo

----- PROGR. 64.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19194.0	2169.5	0.0	7776.0	-85.4	-353.0
7- 1	17627.9	1970.5	0.0	7387.4	-148.3	-324.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	315.1	0.0
7- 1	si	5	Tz	115.9	-15.9	0.0
5- 1	si	9	Ty	201.0	0.0	43.1

----- PROGR. 85.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	11603.8	3831.4	0.0	7776.0	-71.0	-361.4
7- 1	10641.2	4867.0	0.0	7387.4	-124.4	-333.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	302.3	0.0
7- 1	si	5	Tz	156.0	-14.9	0.0
5- 1	si	9	Ty	201.8	0.0	44.1

----- PROGR. 106.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	3475.7	7255.4	0.0	7387.4	-100.4	-341.4
5- 1	3834.7	5188.6	0.0	7776.0	-56.7	-369.8
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
7- 1	si	4	Sx	Si	300.0	0.0
7- 1	si	5	Tz	195.4	-14.0	0.0
5- 1	si	9	Ty	202.5	0.0	45.2

----- PROGR. 128.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	-3868.6	9135.9	0.0	7387.4	-76.5	-349.8
5- 1	-4113.2	6240.9	0.0	7776.0	-42.3	-378.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
7- 1	si	1	Sx	Si	326.2	0.0
7- 1	si	5	Tz	234.2	-13.0	0.0
5- 1	si	9	Ty	203.0	0.0	46.2

----- PROGR. 149.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	-11391.7	10508.3	0.0	7387.4	-52.6	-358.2
5- 1	-12239.8	6988.4	0.0	7776.0	-28.0	-386.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
7- 1	si	1	Sx	Si	378.1	0.0
7- 1	si	5	Tz	272.3	-12.1	0.0
5- 1	si	9	Ty	203.4	0.0	47.2

----- PROGR. 170.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
7- 1	-19093.6	11372.8	0.0	7387.4	-28.7	-366.6
5- 1	-20545.3	7431.2	0.0	7776.0	-13.7	-395.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
7- 1	si	1	Sx	Si	424.3	0.0
5- 1	si	5	Tz	314.8	-11.1	0.0
5- 1	si	9	Ty	203.6	0.0	48.3

 VERIFICA STABILITA` :

lL0 = 170. |
 Z |Lc = 170. |Ro = 6.57 |lm = 25.9 |Ncr= 1202963.6 |alfa (b) =0.3400 |ki=0.9648 |
 Y |Lc = 170. |Ro = 3.98 |lm = 42.7 |Ncr= 441546.5 |alfa (c) =0.4900 |ki=0.8474 |
 Caso 7- 2 - Nodo 2 - Asse Y
 Ned = -433.1 |Mzeq = 3733.8 |Myeq = 9667.2 |Ss = -155.8 (0.059)

P_HEA160_S018 (18) stato limite ultimo - ASTA (380- 778) 1274
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	0.0	0.0	0.0	-54029.4	-99.9	-86.5
7- 1	0.0	0.0	0.0	-49031.8	-156.3	-77.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	1	Sx	Si	-1389.4	0.0
7- 1	si	5	Tz	-1260.9	-9.8	0.0
5- 1	si	9	TySi	-1389.4	0.0	10.6

----- PROGR. 20.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	-1795.3	1849.7	0.0	-54029.4	-86.5	-94.4
7- 1	-1618.3	2881.4	0.0	-49031.8	-134.0	-85.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	3	Sx	Si	-1421.6	0.0
7- 1	si	5	Tz	-1245.1	-8.9	0.0
5- 1	si	9	Ty	-1388.5	0.0	11.5

----- PROGR. 40.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	-3746.6	3433.4	0.0	-54029.4	-73.1	-102.2
7- 1	-3392.7	5319.5	0.0	-49031.8	-111.7	-93.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	3	Sx	Si	-1451.0	0.0
7- 1	si	5	Tz	-1230.0	-8.0	0.0

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9| Ty | -1387.7| 0.0| 12.5| 1387.9|
----- PROGR. 60.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-5854.0	4751.1	0.0	-54029.4	-59.7	-110.1
7- 1	-5323.0	7314.3	0.0	-49031.8	-89.3	-101.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx Si	-1477.6	0.0	0.0	1477.6
7- 1	si	5	Tz	-1215.4	-7.1	0.0	1215.4
5- 1	si	9	Ty	-1387.1	0.0	13.4	1387.3
----- PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-8117.3	5802.9	0.0	-54029.4	-46.3	-118.0
7- 1	-7409.4	8865.9	0.0	-49031.8	-67.0	-109.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx Si	-1501.6	0.0	0.0	1501.6
7- 1	si	5	Tz	-1201.4	-6.2	0.0	1201.4
5- 1	si	9	Ty	-1386.6	0.0	14.4	1386.8
----- PROGR. 99.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-10536.7	6588.7	0.0	-54029.4	-32.9	-125.8
7- 1	-9651.8	9974.2	0.0	-49031.8	-44.7	-116.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx Si	-1522.7	0.0	0.0	1522.7
7- 1	si	5	Tz	-1188.0	-5.3	0.0	1188.0
5- 1	si	9	Ty	-1386.2	0.0	15.4	1386.4
----- PROGR. 119.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -13112.1| 7108.5| 0.0| -54029.4| -19.5| -133.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx Si	-1541.2	0.0	0.0	1541.2
5- 1	si	5	Tz	-1309.2	-4.5	0.0	1309.2
5- 1	si	9	Ty	-1385.9	0.0	16.3	1386.2
----- PROGR. 139.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-15843.4	7362.4	0.0	-54029.4	-6.1	-141.5
6- 1	-14918.7	1865.2	0.0	-52108.7	-13.4	-134.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx Si	-1556.8	0.0	0.0	1556.8
6- 1	si	5	Tz	-1267.0	-4.2	0.0	1267.0
5- 1	si	9	Ty	-1385.8	0.0	17.3	1386.1
----- PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-18730.9	7350.3	0.0	-54029.4	7.3	-149.4
7- 1	-17315.1	10639.4	0.0	-49031.8	22.3	-140.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx Si	-1569.8	0.0	0.0	1569.8
7- 1	si	6	Tz	-1213.5	4.8	0.0	1213.6
5- 1	si	9	Ty	-1385.8	0.0	18.2	1386.2

VERIFICA STABILITA` :

|L0 = 159.1
Z |Lc = 159.1|Ro = 6.57|lm = 24.2|Ncr= 1378635.1|alfa(b)=0.3400|ki=0.9719|
Y |Lc = 159.1|Ro = 3.98|lm = 39.9|Ncr= 506026.5|alfa(c)=0.4900|ki=0.8653|
Caso 5- 1 - Nodo 3 - Asse Y
Ned = -54029.4|Mzeq = -14048.1|Myeq = 6621.7|Ss = -1768.3 (0.675)

P_HEA160_S018 (18) stato limite ultimo - ASTA (747- 780) 1275
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	43726.2	4263.2	0.0	16032.0	15.6	-114.1
7- 1	39492.8	-7090.9	0.0	14520.3	-173.0	-103.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx Si	665.8	0.0	0.0	665.8
7- 1	si	5	Tz	173.7	-11.3	0.0	174.8
6- 1	si	9	Ty	414.3	0.0	13.9	415.1
----- PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	41382.6	3954.3	0.0	16032.0	15.6	-122.0
7- 1	37365.6	-3877.5	0.0	14520.3	-150.7	-111.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx Si	651.2	0.0	0.0	651.2
7- 1	si	5	Tz	192.8	-10.4	0.0	193.6
6- 1	si	9	Ty	414.2	0.0	14.9	415.0
----- PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	38883.1	3645.4	0.0	16032.0	15.6	-129.9
7- 1	35082.5	-1107.5	0.0	14520.3	-128.4	-118.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx Si	635.8	0.0	0.0	635.8
7- 1	si	5	Tz	211.2	-9.5	0.0	211.8

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	414.0|	0.0|	15.9|	415.0|				

PROGR. 60.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	36227.5|	3336.5|	0.0|	16032.0|	15.6|	-137.7|			
| 7- 1|	32643.4|	1219.4|	0.0|	14520.3|	-106.1|	-126.8|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 4|Sx Si|	619.8|	0.0|	0.0|	619.8|					
| 7- 1|si| 5| Tz	229.1|	-8.6|	0.0|	229.5|					
| 6- 1|si| 9| Ty	413.9|	0.0|	16.8|	414.9|					

PROGR. 79.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	33415.9|	3027.7|	0.0|	16032.0|	15.6|	-145.6|			
| 7- 1|	30048.2|	3102.9|	0.0|	14520.3|	-83.7|	-134.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 4|Sx Si|	603.0|	0.0|	0.0|	603.0|					
| 7- 1|si| 5| Tz	246.3|	-7.7|	0.0|	246.7|					
| 6- 1|si| 9| Ty	413.7|	0.0|	17.8|	414.9|					

PROGR. 99.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	30175.4|	3957.0|	0.0|	15702.4|	-29.8|	-152.2|			
| 7- 1|	27297.0|	4543.1|	0.0|	14520.3|	-61.4|	-142.5|			
| 6- 1|	30448.3|	2718.8|	0.0|	16032.0|	15.6|	-153.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx Si|	591.9|	0.0|	0.0|	591.9|					
| 7- 1|si| 5| Tz	263.0|	-6.8|	0.0|	263.3|					
| 6- 1|si| 9| Ty	413.6|	0.0|	18.7|	414.9|					

PROGR. 119.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	27076.6|	4414.8|	0.0|	15702.4|	-16.4|	-160.0|			
| 7- 1|	24389.8|	5540.1|	0.0|	14520.3|	-39.1|	-150.4|			
| 6- 1|	27324.7|	2409.9|	0.0|	16032.0|	15.6|	-161.3|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx Si|	583.8|	0.0|	0.0|	583.8|					
| 7- 1|si| 5| Tz	279.1|	-5.9|	0.0|	279.3|					
| 6- 1|si| 9| Ty	413.4|	0.0|	19.7|	414.9|					

PROGR. 139.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	23821.7|	4606.6|	0.0|	15702.4|	-3.0|	-167.9|			
| 11- 1|	4032.5|	9180.9|	0.0|	5886.5|	-76.0|	-84.8|			
| 6- 1|	24045.1|	2101.0|	0.0|	16032.0|	15.6|	-169.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx Si|	571.6|	0.0|	0.0|	571.6|					
| 11- 1|si| 5| Tz	159.9|	-6.0|	0.0|	160.3|					
| 6- 1|si| 9| Ty	413.3|	0.0|	20.7|	414.8|					

PROGR. 159.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	20410.9|	4532.4|	0.0|	15702.4|	10.4|	-175.8|			
| 11- 1|	2289.3|	10688.8|	0.0|	5886.5|	-76.0|	-90.8|			
| 6- 1|	20609.4|	1792.1|	0.0|	16032.0|	15.6|	-177.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx Si|	555.2|	0.0|	0.0|	555.2|					
| 11- 1|si| 5| Tz	172.3|	-6.1|	0.0|	172.6|					
| 6- 1|si| 9| Ty	413.1|	0.0|	21.6|	414.8|					

VERIFICA STABILITA` :									
|L0 = 159. |									
Z |Lc = 159. |Ro = 6.57|lm = 24.2|Ncr= 1378635.1|alfa(b)=0.3400|ki=0.9719|									
Y |Lc = 159. |Ro = 3.98|lm = 39.9|Ncr= 506026.5|alfa(c)=0.4900|ki=0.8653|									
Caso12-16 - Nodo 1 - Asse Y									
Ned = -105.4|Mzeq = 6594.5|Myeq = -2111.2|Ss = -60.5 (0.023)									

P_HEA160_S018 (18) stato limite ultimo - ASTA (748- 782) 1276									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	71688.4|	-5635.7|	0.0|	43941.8|	-115.5|	-245.8|			
| 7- 1|	65354.7|	-8870.2|	0.0|	40139.1|	-181.7|	-225.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx Si|	1528.0|	0.0|	0.0|	1528.0|					
| 7- 1|si| 5| Tz	710.1|	-14.9|	0.0|	710.6|					
| 5- 1|si| 9| Ty	1127.2|	0.0|	30.0|	1128.4|					

PROGR. 20.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	66730.3|	-3475.2|	0.0|	43941.8|	-102.1|	-253.7|			
| 7- 1|	60809.8|	-5484.9|	0.0|	40139.1|	-159.4|	-232.9|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 3|Sx Si|	1477.5|	0.0|	0.0|	1477.5|					
| 7- 1|si| 5| Tz	740.6|	-14.0|	0.0|	741.0|					
| 5- 1|si| 9| Ty	1128.3|	0.0|	31.0|	1129.6|					

PROGR. 40.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	61616.2|	-1580.7|	0.0|	43941.8|	-88.7|	-261.6|			

Copertura area carburante - Relazione di calcolo

| 7- 1|	56108.9|	-2542.8|	0.0|	40139.1|	-137.0|	-240.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 3|	Sx Si|	1429.7|	0.0|	0.0|	1429.7|	
| 7- 1|	|si| 5|	Tz |	770.5|	-13.1|	0.0|	770.9|	
| 5- 1|	|si| 9|	Ty |	1129.2|	0.0|	31.9|	1130.6|	
-----							60.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	56346.1|	47.8|	0.0|	43941.8|	-75.3|	-269.4|	
| 7- 1|	51252.0|	-44.0|	0.0|	40139.1|	-114.7|	-248.6|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 4|	Sx Si|	1385.9|	0.0|	0.0|	1385.9|	
| 7- 1|	|si| 5|	Tz |	799.9|	-12.2|	0.0|	800.1|	
| 5- 1|	|si| 9|	Ty |	1130.0|	0.0|	32.9|	1131.4|	
-----							79.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	50920.0|	1410.4|	0.0|	43941.8|	-61.9|	-277.3|	
| 7- 1|	46239.1|	2011.5|	0.0|	40139.1|	-92.4|	-256.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 4|	Sx Si|	1379.0|	0.0|	0.0|	1379.0|	
| 7- 1|	|si| 5|	Tz |	828.6|	-11.3|	0.0|	828.8|	
| 5- 1|	|si| 9|	Ty |	1130.7|	0.0|	33.9|	1132.2|	
-----							99.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	45337.8|	2507.0|	0.0|	43941.8|	-48.5|	-285.1|	
| 7- 1|	41070.1|	3623.7|	0.0|	40139.1|	-70.1|	-264.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 4|	Sx Si|	1368.0|	0.0|	0.0|	1368.0|	
| 7- 1|	|si| 5|	Tz |	856.7|	-10.4|	0.0|	856.9|	
| 5- 1|	|si| 9|	Ty |	1131.2|	0.0|	34.8|	1132.8|	
-----							119.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	39599.7|	3337.7|	0.0|	43941.8|	-35.1|	-293.0|	
| 7- 1|	35745.1|	4792.7|	0.0|	40139.1|	-47.7|	-272.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 4|	Sx Si|	1352.8|	0.0|	0.0|	1352.8|	
| 7- 1|	|si| 5|	Tz |	884.3|	-9.5|	0.0|	884.4|	
| 5- 1|	|si| 9|	Ty |	1131.6|	0.0|	35.8|	1133.3|	
-----							139.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	33705.5|	3902.4|	0.0|	43941.8|	-21.7|	-300.9|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 4|	Sx Si|	1333.4|	0.0|	0.0|	1333.4|	
| 5- 1|	|si| 5|	Tz |	988.7|	-9.0|	0.0|	988.8|	
| 5- 1|	|si| 9|	Ty |	1131.9|	0.0|	36.7|	1133.7|	
-----							159.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	27655.3|	4201.1|	0.0|	43941.8|	-8.3|	-308.7|	
| 6- 1|	27307.9|	1559.0|	0.0|	43178.2|	-14.1|	-305.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 4|	Sx Si|	1309.9|	0.0|	0.0|	1309.9|	
| 6- 1|	|si| 5|	Tz |	991.2|	-8.8|	0.0|	991.3|	
| 5- 1|	|si| 9|	Ty |	1132.0|	0.0|	37.7|	1133.9|	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.							
P_HEA160_S018 (18) stato limite ultimo - ASTA (749- 784) 1277							
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	63709.1|	-2983.8|	0.0|	36397.8|	-116.5|	-303.8|	
| 7- 1|	58098.5|	-7897.8|	0.0|	33143.2|	-203.3|	-276.9|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 3|	Sx Si|	1263.4|	0.0|	0.0|	1263.4|	
| 7- 1|	|si| 5|	Tz |	566.0|	-17.3|	0.0|	566.8|	
| 5- 1|	|si| 9|	Ty |	934.5|	0.0|	37.1|	936.7|	
-----							20.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	57607.5|	-807.6|	0.0|	36397.8|	-103.1|	-311.7|	
| 7- 1|	52532.1|	-4088.0|	0.0|	33143.2|	-181.0|	-284.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 3|	Sx Si|	1207.5|	0.0|	0.0|	1207.5|	
| 7- 1|	|si| 5|	Tz |	602.3|	-16.5|	0.0|	603.0|	
| 5- 1|	|si| 9|	Ty |	935.6|	0.0|	38.1|	937.9|	
-----							40.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	51350.3|	1103.3|	0.0|	36397.8|	-89.7|	-319.5|	
| 7- 1|	46810.1|	-720.4|	0.0|	33143.2|	-158.7|	-292.6|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si| 4|	Sx Si|	1183.0|	0.0|	0.0|	1183.0|	
| 7- 1|	|si| 5|	Tz |	638.1|	-15.6|	0.0|	638.7|	
| 5- 1|	|si| 9|	Ty |	936.5|	0.0|	39.0|	939.0|	

Copertura area carburante - Relazione di calcolo

----- PROGR. 59.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	44937.5|	2748.9|	0.0|	36397.8|	-76.3|	-327.4|			
| 7- 1|	40932.4|	2205.1|	0.0|	33143.2|	-136.4|	-300.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	1175.3|	0.0|	0.0|	1175.3|			
| 7- 1|	si| 5| Tz		673.3|	-14.7|	0.0|	673.8|			
| 5- 1|	si| 9| Ty		937.3|	0.0|	40.0|	939.9|			
----- PROGR. 79.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	38369.1|	4129.3|	0.0|	36397.8|	-62.9|	-335.2|			
| 7- 1|	34899.2|	4688.5|	0.0|	33143.2|	-114.1|	-308.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	1163.5|	0.0|	0.0|	1163.5|			
| 7- 1|	si| 5| Tz		707.9|	-13.8|	0.0|	708.3|			
| 5- 1|	si| 9| Ty		938.0|	0.0|	40.9|	940.7|			
----- PROGR. 99.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	31645.0|	5244.3|	0.0|	36397.8|	-49.6|	-343.1|			
| 7- 1|	28710.3|	6729.6|	0.0|	33143.2|	-91.8|	-316.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	1147.5|	0.0|	0.0|	1147.5|			
| 7- 1|	si| 5| Tz		741.9|	-12.9|	0.0|	742.2|			
| 5- 1|	si| 9| Ty		938.5|	0.0|	41.9|	941.3|			
----- PROGR. 119.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	24765.4|	6094.0|	0.0|	36397.8|	-36.2|	-350.9|			
| 7- 1|	22365.8|	8328.6|	0.0|	33143.2|	-69.5|	-324.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	1127.4|	0.0|	0.0|	1127.4|			
| 7- 1|	si| 5| Tz		775.3|	-12.0|	0.0|	775.6|			
| 5- 1|	si| 9| Ty		939.0|	0.0|	42.9|	941.9|			
----- PROGR. 139.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	17730.1|	6678.4|	0.0|	36397.8|	-22.8|	-358.8|			
| 7- 1|	15865.6|	9485.5|	0.0|	33143.2|	-47.2|	-331.8|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	1103.1|	0.0|	0.0|	1103.1|			
| 7- 1|	si| 5| Tz		808.1|	-11.1|	0.0|	808.4|			
| 5- 1|	si| 9| Ty		939.2|	0.0|	43.8|	942.3|			
----- PROGR. 159.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	10539.2|	6997.6|	0.0|	36397.8|	-9.4|	-366.6|			
| 7- 1|	9209.9|	10200.2|	0.0|	33143.2|	-24.9|	-339.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	1074.7|	0.0|	0.0|	1074.7|			
| 7- 1|	si| 5| Tz		840.4|	-10.2|	0.0|	840.6|			
| 5- 1|	si| 9| Ty		939.4|	0.0|	44.8|	942.6|			

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.									
P_HEA160_S018 (18) stato limite ultimo - ASTA (750- 567) 1296									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	7726.5|	6452.1|	0.0|	24817.6|	1.2|	328.8|			
| 6- 1|	9106.1|	2404.3|	0.0|	26222.9|	-17.2|	327.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	757.0|	0.0|	0.0|	757.0|			
| 6- 1|	si| 6| Tz		626.0|	-9.5|	0.0|	626.3|			
| 5- 1|	si| 9| Ty		641.3|	0.0|	-40.2|	645.1|			
----- PROGR. 18.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	13420.2|	6328.4|	0.0|	24817.6|	13.0|	321.9|			
| 7- 1|	11909.4|	8556.8|	0.0|	22199.4|	34.3|	295.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	781.2|	0.0|	0.0|	781.2|			
| 7- 1|	si| 5| Tz		541.9|	9.5|	0.0|	542.2|			
| 5- 1|	si| 9| Ty		641.3|	0.0|	-39.3|	644.9|			
----- PROGR. 35.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	20316.2|	3005.4|	0.0|	26222.9|	-17.2|	313.4|			
| 7- 1|	17011.7|	7784.9|	0.0|	22199.4|	54.0|	288.1|			
| 5- 1|	18992.7|	5998.0|	0.0|	24817.6|	24.8|	315.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 4|Sx	Si	805.4|	0.0|	0.0|	805.4|			
| 7- 1|	si| 5| Tz		516.6|	10.3|	0.0|	516.9|			
| 5- 1|	si| 9| Ty		641.1|	0.0|	-38.5|	644.6|			
----- PROGR. 52.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	25739.4|	3305.9|	0.0|	26222.9|	-17.2|	306.4|			

Copertura area carburante - Relazione di calcolo

| 7- 1|	21992.7|	6668.5|	0.0|	22199.4|	73.6|	281.2|
| 5- 1|	24444.0|	5460.8|	0.0|	24817.6|	36.6|	308.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si|	833.9|	0.0|	0.0|	833.9|
| 7- 1|si| 5| Tz |	490.7|	11.1|	0.0|	491.1|
| 5- 1|si| 9| Ty |	640.9|	0.0|	-37.6|	644.2|

PROGR. 70.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	31041.3|	3606.4|	0.0|	26222.9|	-17.2|	299.5|
| 7- 1|	26852.6|	5207.5|	0.0|	22199.4|	93.3|	274.2|
| 5- 1|	29774.0|	4716.9|	0.0|	24817.6|	48.4|	301.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si|	861.8|	0.0|	0.0|	861.8|
| 7- 1|si| 5| Tz |	464.4|	11.9|	0.0|	464.9|
| 5- 1|si| 9| Ty |	640.5|	0.0|	-36.8|	643.7|

PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	36221.9|	3907.0|	0.0|	26222.9|	-17.2|	292.6|
| 7- 1|	31591.1|	3402.0|	0.0|	22199.4|	113.0|	267.3|
| 5- 1|	34982.7|	3766.3|	0.0|	24817.6|	60.2|	294.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si|	889.2|	0.0|	0.0|	889.2|
| 7- 1|si| 5| Tz |	437.7|	12.6|	0.0|	438.2|
| 5- 1|si| 9| Ty |	640.0|	0.0|	-35.9|	643.1|

PROGR. 105.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	41281.3|	4207.5|	0.0|	26222.9|	-17.2|	285.6|
| 7- 1|	36208.4|	1252.0|	0.0|	22199.4|	132.7|	260.4|
| 5- 1|	40070.2|	2609.0|	0.0|	24817.6|	72.0|	287.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si|	916.0|	0.0|	0.0|	916.0|
| 7- 1|si| 5| Tz |	410.5|	13.4|	0.0|	411.1|
| 5- 1|si| 9| Ty |	639.5|	0.0|	-35.1|	642.3|

PROGR. 122.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	46219.5|	4508.0|	0.0|	26222.9|	-17.2|	278.7|
| 7- 1|	40704.4|	-1242.6|	0.0|	22199.4|	152.4|	253.5|
| 5- 1|	45036.4|	1245.0|	0.0|	24817.6|	83.9|	280.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si|	942.3|	0.0|	0.0|	942.3|
| 7- 1|si| 5| Tz |	382.8|	14.2|	0.0|	383.6|
| 5- 1|si| 9| Ty |	638.8|	0.0|	-34.2|	641.5|

PROGR. 140.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	51036.3|	4808.6|	0.0|	26222.9|	-17.2|	271.8|
| 7- 1|	45079.2|	-4081.7|	0.0|	22199.4|	172.1|	246.5|
| 5- 1|	49881.3|	-325.8|	0.0|	24817.6|	95.7|	273.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx |Si|	968.1|	0.0|	0.0|	968.1|
| 7- 1|si| 5| Tz |	354.7|	15.0|	0.0|	355.6|
| 5- 1|si| 9| Ty |	638.0|	0.0|	-33.4|	640.7|

VERIFICA STABILITA` :

|L0 = 140.0|
 Z |Lc = 140.0|Ro = 6.57|lm = 21.3|Ncr = 1773757.6|alfa(b)=0.3400|ki=0.9838|
 Y |Lc = 140.0|Ro = 3.98|lm = 35.2|Ncr = 651055.7|alfa(c)=0.4900|ki=0.8945|
 Caso12-14 - Nodo 2 - Asse Y
 Ned = -77.1|Mzeq = 4410.3|Myeq = 1373.4|Ss = -40.0 (0.015)

P_HEA160_S018 (18) stato limite ultimo - ASTA (752- 568) 1298
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	23087.0|	4156.7|	0.0|	33008.3|	15.2|	275.1|
| 6- 1|	23537.2|	2096.7|	0.0|	33269.5|	19.4|	271.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx |Si|	1007.4|	0.0|	0.0|	1007.4|
| 6- 1|si| 5| Tz |	755.0|	8.1|	0.0|	755.2|
| 5- 1|si| 9| Ty |	850.8|	0.0|	-33.6|	852.8|

PROGR. 18.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	27840.3|	3786.7|	0.0|	33008.3|	27.0|	268.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx |Si|	1024.2|	0.0|	0.0|	1024.2|
| 5- 1|si| 5| Tz |	733.8|	8.4|	0.0|	733.9|
| 5- 1|si| 9| Ty |	850.7|	0.0|	-32.8|	852.6|

PROGR. 35.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	32472.2|	3210.1|	0.0|	33008.3|	38.9|	261.2|
| 7- 1|	29485.2|	4308.9|	0.0|	29930.2|	50.5|	240.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx |Si|	1037.7|	0.0|	0.0|	1037.7|

Copertura area carburante - Relazione di calcolo

| 5- 1|	24855.4|	3308.4|	0.0|	10714.8|	23.9|	155.8|
| 7- 1|	22676.7|	3831.9|	0.0|	10031.6|	51.0|	147.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	431.1|	0.0|	0.0|	431.1|
| 7- 1|si| 5| Tz |	166.4|	6.4|	0.0|	166.8|
| 5- 1|si| 9| Ty |	277.1|	0.0|	-19.0|	279.1|

----- PROGR. 70.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	27520.9|	2786.2|	0.0|	10714.8|	35.7|	148.8|
| 7- 1|	25197.4|	2767.1|	0.0|	10031.6|	70.7|	140.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	436.4|	0.0|	0.0|	436.4|
| 7- 1|si| 5| Tz |	151.9|	7.2|	0.0|	152.4|
| 5- 1|si| 9| Ty |	276.9|	0.0|	-18.2|	278.7|

----- PROGR. 88.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	30065.1|	2057.3|	0.0|	10714.8|	47.6|	141.9|
| 7- 1|	27596.8|	1357.8|	0.0|	10031.6|	90.4|	133.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	438.5|	0.0|	0.0|	438.5|
| 7- 1|si| 5| Tz |	136.9|	8.0|	0.0|	137.6|
| 5- 1|si| 9| Ty |	276.5|	0.0|	-17.3|	278.2|

----- PROGR. 105.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	32488.1|	1121.7|	0.0|	10714.8|	59.4|	135.0|
| 7- 1|	29875.0|	-396.1|	0.0|	10031.6|	110.1|	126.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	437.3|	0.0|	0.0|	437.3|
| 7- 1|si| 5| Tz |	121.4|	8.8|	0.0|	122.4|
| 5- 1|si| 9| Ty |	276.1|	0.0|	-16.5|	277.6|

----- PROGR. 122.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	33608.3|	3251.8|	0.0|	9762.7|	-14.7|	115.7|
| 7- 1|	32031.9|	-2494.5|	0.0|	10031.6|	129.8|	119.8|
| 5- 1|	34789.7|	-20.7|	0.0|	10714.8|	71.2|	128.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx Si|	445.6|	0.0|	0.0|	445.6|
| 7- 1|si| 5| Tz |	105.5|	9.6|	0.0|	106.8|
| 5- 1|si| 9| Ty |	275.5|	0.0|	-15.6|	276.9|

----- PROGR. 140.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	34067.5|	-4937.4|	0.0|	10031.6|	149.4|	112.9|
| 5- 1|	36970.2|	-1369.7|	0.0|	10714.8|	83.0|	121.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1|si| 3|Sx Si|	476.5|	0.0|	0.0|	476.5|
| 7- 1|si| 5| Tz |	89.2|	10.4|	0.0|	91.0|
| 5- 1|si| 9| Ty |	274.9|	0.0|	-14.8|	276.1|

VERIFICA STABILITA` :

|L0 = 140.0|
 Z |Lc = 140.0|Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|
 Y |Lc = 140.0|Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|
 Casol2- 3 - Nodo 1 - Asse Y
 Ned = -538.8|Mzeq = 5325.8|Myeq = -185.0|Ss = -42.0 (0.016)

P_HEA160_S018 (18) stato limite ultimo - ASTA (756- 326) 1302
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-15195.2|	5930.1|	0.0|	-45180.8|	-4.9|	136.3|
| 6- 1|	-15469.0|	1754.8|	0.0|	-47070.4|	12.5|	138.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1307.7|	0.0|	0.0|	1307.7|
| 6- 1|si| 5| Tz |	-1135.2|	4.3|	0.0|	1135.2|
| 6- 1|si| 9| Ty |	-1209.6|	0.0|	-16.9|	1209.9|

----- PROGR. 18.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-12871.4|	5912.4|	0.0|	-45180.8|	6.9|	129.3|
| 6- 1|	-13111.0|	1535.5|	0.0|	-47070.4|	12.5|	131.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1297.0|	0.0|	0.0|	1297.0|
| 6- 1|si| 5| Tz |	-1146.5|	4.1|	0.0|	1146.6|
| 6- 1|si| 9| Ty |	-1209.7|	0.0|	-16.0|	1210.0|

----- PROGR. 35.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-10668.8|	5687.9|	0.0|	-45180.8|	18.7|	122.4|
| 6- 1|	-10874.2|	1316.1|	0.0|	-47070.4|	12.5|	124.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 3|Sx Si|	-1284.1|	0.0|	0.0|	1284.1|
| 5- 1|si| 5| Tz |	-1096.9|	4.2|	0.0|	1096.9|
| 6- 1|si| 9| Ty |	-1209.8|	0.0|	-15.2|	1210.1|

----- PROGR. 52.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-8587.5	5256.7	0.0	-45180.8	30.5	115.5
7- 1	-7828.6	7931.7	0.0	-40580.4	41.4	106.8
6- 1	-8758.7	1096.8	0.0	-47070.4	12.5	117.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	3	Sx	Si	-1269.1	0.0	0.0	1269.1
7- 1	|si	5	Tz		-984.9	4.9	0.0	984.9
6- 1	|si	9	Ty		-1209.9	0.0	-14.3	1210.2

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-6764.4	877.4	0.0	-47070.4	12.5	110.5
7- 1	-6020.4	7034.4	0.0	-40580.4	61.1	99.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	Sx	Si	-1252.5	0.0	0.0	1252.5
7- 1	|si	5	Tz		-995.7	5.7	0.0	995.7
6- 1	|si	9	Ty		-1210.0	0.0	-13.5	1210.2

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-4891.4	658.1	0.0	-47070.4	12.5	103.6
7- 1	-4333.4	5792.6	0.0	-40580.4	80.8	92.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	Sx	Si	-1241.1	0.0	0.0	1241.1
7- 1	|si	5	Tz		-1007.0	6.4	0.0	1007.0
6- 1	|si	9	Ty		-1210.1	0.0	-12.6	1210.3

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-3139.7	438.7	0.0	-47070.4	12.5	96.6
7- 1	-2767.7	4206.3	0.0	-40580.4	100.5	86.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	Sx	Si	-1230.4	0.0	0.0	1230.4
7- 1	|si	5	Tz		-1018.7	7.2	0.0	1018.8
6- 1	|si	9	Ty		-1210.2	0.0	-11.8	1210.4

----- PROGR. 122.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-1509.2	219.4	0.0	-47070.4	12.5	89.7
7- 1	-1323.2	2275.4	0.0	-40580.4	120.2	79.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	Sx	Si	-1220.1	0.0	0.0	1220.1
7- 1	|si	5	Tz		-1030.9	8.0	0.0	1031.0
6- 1	|si	9	Ty		-1210.3	0.0	-11.0	1210.5

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-47070.4	12.5	82.8
7- 1	0.0	0.0	0.0	-40580.4	139.9	72.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	Sx	Si	-1210.4	0.0	0.0	1210.4
7- 1	|si	5	Tz		-1043.5	8.8	0.0	1043.7
6- 1	|si	9	TySi		-1210.4	0.0	-10.1	1210.6

VERIFICA STABILITA` :

$l_0 = 140.$
 $Z |Lc = 140. |Ro = 6.57 |lm = 21.3 |Ncr = 1773757.6 |alfa(b) = 0.3400 |ki = 0.9838 |$
 $Y |Lc = 140. |Ro = 3.98 |lm = 35.2 |Ncr = 651055.7 |alfa(c) = 0.4900 |ki = 0.8945 |$
 Caso 5- 1 - Nodo 3 - Asse Y
 $Ned = -45180.8 |Mzeq = -11396.4 |Myeq = 5287.8 |Ss = -1425.7 (0.544)$

P_HEA160_S018 (18) stato limite ultimo - ASTA (758- 621) 1304
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-20087.5	8962.6	0.0	-624.4	14.7	328.9
6- 1	-20288.3	2159.3	0.0	177.2	-15.4	346.4
5- 1	-21594.3	6352.6	0.0	-430.6	1.9	355.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	3	Sx	Si	-223.5	0.0	0.0	223.5
6- 1	|si	6	Tz		90.2	-9.9	0.0	91.8
5- 1	|si	9	Ty		-8.0	0.0	-43.4	75.6

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-14393.3	8532.6	0.0	-624.4	34.4	321.9
5- 1	-15438.2	6216.5	0.0	-430.6	13.7	348.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	3	Sx	Si	-192.1	0.0	0.0	192.1
7- 1	|si	5	Tz		74.1	10.2	0.0	76.2
5- 1	|si	9	Ty		-8.0	0.0	-42.5	74.1

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-8820.3	7758.0	0.0	-624.4	54.1	315.0
5- 1	-9403.3	5873.6	0.0	-430.6	25.5	341.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	|si	3	Sx	Si	-156.8	0.0	0.0	156.8

Copertura area carburante - Relazione di calcolo

| 7- 1|si| 5|	Tz	|	46.6|	11.0|	0.0|	50.3|			
| 5- 1|si| 9|	Ty	|	-8.2|	0.0|	-41.7|	72.7|			
-----							PROGR.	52.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 7- 1|	-3368.5|		6638.9|		0.0|		-624.4|		
| 5- 1|	-3489.7|		5324.0|		0.0|		-430.6|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 7- 1|si| 3|	Sx	Si	|	-117.6|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	18.6|		11.8|		0.0|	27.6|	
| 5- 1|si| 9|	Ty	|	-8.5|		0.0|		-40.9|	71.3|	
-----							PROGR.	70.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 12- 6|	3399.7|		1154.8|		0.0|		3037.5|		
| 7- 1|	1962.0|		5175.2|		0.0|		-624.4|		
| 5- 1|	2302.6|		4567.7|		0.0|		-430.6|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 12- 6|si| 4|	Sx	Si	|	108.5|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-9.8|		12.6|		0.0|	23.9|	
| 5- 1|si| 9|	Ty	|	-8.8|		0.0|		-40.0|	69.9|	
-----							PROGR.	88.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 12- 6|	5017.1|		1237.1|		0.0|		3037.5|		
| 7- 1|	7171.2|		3367.0|		0.0|		-624.4|		
| 5- 1|	7973.7|		3604.7|		0.0|		-430.6|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 12- 6|si| 4|	Sx	Si	|	116.9|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-38.7|		13.4|		0.0|	45.1|	
| 5- 1|si| 9|	Ty	|	-9.3|		0.0|		-39.2|	68.5|	
-----							PROGR.	105.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 12- 6|	6541.2|		1319.4|		0.0|		3037.5|		
| 7- 1|	12259.1|		1214.3|		0.0|		-624.4|		
| 5- 1|	13523.5|		2434.9|		0.0|		-430.6|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 12- 6|si| 4|	Sx	Si	|	124.9|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-68.1|		14.1|		0.0|	72.3|	
| 5- 1|si| 9|	Ty	|	-9.9|		0.0|		-38.3|	67.1|	
-----							PROGR.	122.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 6- 1|	19180.3|		4048.6|		0.0|		177.2|		
| 7- 1|	17225.8|		-1282.9|		0.0|		-624.4|		
| 5- 1|	18952.0|		1058.5|		0.0|		-430.6|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 6- 1|si| 4|	Sx	Si	|	144.1|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-97.9|		14.9|		0.0|	101.2|	
| 5- 1|si| 9|	Ty	|	-10.6|		0.0|		-37.5|	65.7|	
-----							PROGR.	140.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5- 2|	12752.9|		7529.0|		0.0|		-734.0|		
| 7- 1|	22071.3|		-4124.7|		0.0|		-624.4|		
| 5- 1|	24259.3|		-524.7|		0.0|		-430.6|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5- 2|si| 2|	Sx	Si	|	-174.5|		0.0|		0.0|	
| 7- 1|si| 5|	Tz	|	-128.1|		15.7|		0.0|	131.0|	
| 5- 1|si| 9|	Ty	|	-11.3|		0.0|		-36.6|	64.4|	

VERIFICA STABILITA` :									
|L0 = 140. |									
Z	|Lc = 140. |	Ro = 6.57|	lm = 21.3|	Ncr= 1773757.6|	alfa(b)=0.3400|	ki=0.9838|			
Y	|Lc = 140. |	Ro = 3.98|	lm = 35.2|	Ncr= 651055.7|	alfa(c)=0.4900|	ki=0.8945|			
Caso 7- 1 - Nodo 2 - Asse Y									
Ned =	-624.4|	Mzeq = 16553.4|	Myeq = 6722.0|	Ss = -180.4	(0.069)				
P_HEA160_S018 (18)	stato limite ultimo - ASTA (760- 622)						1306		
-----							PROGR.	0.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5- 1|	8067.9|		4054.1|		0.0|		21691.3|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5- 1|si| 4|	Sx	Si	|	647.0|		0.0|		0.0|	
| 5- 1|si| 5|	Tz	|	533.1|		8.5|		0.0|	533.3|	
| 5- 1|si| 9|	Ty	|	559.8|		0.0|		-35.8|	563.2|	
-----							PROGR.	18.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5- 1|	13132.6|		3696.2|		0.0|		21691.3|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5- 1|si| 4|	Sx	Si	|	665.3|		0.0|		0.0|	
| 5- 1|si| 5|	Tz	|	509.1|		8.9|		0.0|	509.3|	
| 5- 1|si| 9|	Ty	|	559.6|		0.0|		-34.9|	562.9|	
-----							PROGR.	35.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5- 1|	18076.0|		3131.6|		0.0|		21691.3|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5- 1|si| 4|	Sx	Si	|	665.3|		0.0|		0.0|	
| 5- 1|si| 5|	Tz	|	509.1|		8.9|		0.0|	509.3|	
| 5- 1|si| 9|	Ty	|	559.6|		0.0|		-34.9|	562.9|	
-----							PROGR.	35.	
SOLLECITAZIONI :									
| Caso |	MZ	|	MY	|	MT	|	N	|	
| 5- 1|	18076.0|		3131.6|		0.0|		21691.3|		
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	
| 5- 1|si| 4|	Sx	Si	|	665.3|		0.0|		0.0|	
| 5- 1|si| 5|	Tz	|	509.1|		8.9|		0.0|	509.3|	
| 5- 1|si| 9|	Ty	|	559.6|		0.0|		-34.9|	562.9|	
-----							PROGR.	35.	

Copertura area carburante - Relazione di calcolo

| 7- 1|	16243.6|	4328.7|	0.0|	19892.5|	50.1|	260.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	680.4|	0.0|	0.0|	680.4|		
| 7- 1|si| 5| Tz |	450.6|	9.4|	0.0|	450.9|		
| 5- 1|si| 9| Ty |	559.3|	0.0|	-34.1|	562.4|		
----- PROGR. 52.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	22898.2|	2360.3|	0.0|	21691.3|	50.0|	272.1|
| 7- 1|	20747.5|	3279.1|	0.0|	19892.5|	69.8|	253.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	692.2|	0.0|	0.0|	692.2|		
| 7- 1|si| 5| Tz |	427.1|	10.2|	0.0|	427.5|		
| 5- 1|si| 9| Ty |	559.0|	0.0|	-33.2|	561.9|		
----- PROGR. 70.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	27599.1|	1382.3|	0.0|	21691.3|	61.8|	265.2|
| 7- 1|	25130.2|	1885.0|	0.0|	19892.5|	89.5|	247.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	700.8|	0.0|	0.0|	700.8|		
| 7- 1|si| 5| Tz |	403.2|	10.9|	0.0|	403.6|		
| 5- 1|si| 9| Ty |	558.5|	0.0|	-32.4|	561.3|		
----- PROGR. 88.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	32178.7|	197.5|	0.0|	21691.3|	73.6|	258.2|
| 7- 1|	29391.5|	146.4|	0.0|	19892.5|	109.2|	240.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	706.2|	0.0|	0.0|	706.2|		
| 7- 1|si| 5| Tz |	378.8|	11.7|	0.0|	379.3|		
| 5- 1|si| 9| Ty |	557.9|	0.0|	-31.5|	560.6|		
----- PROGR. 105.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	36637.1|	-1193.9|	0.0|	21691.3|	85.4|	251.3|
| 7- 1|	33531.7|	-1936.8|	0.0|	19892.5|	128.9|	233.1|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 3|Sx |Si|	739.3|	0.0|	0.0|	739.3|		
| 7- 1|si| 5| Tz |	354.0|	12.5|	0.0|	354.6|		
| 5- 1|si| 9| Ty |	557.2|	0.0|	-30.7|	559.8|		
----- PROGR. 122.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	40974.2|	-2792.1|	0.0|	21691.3|	97.2|	244.4|
| 7- 1|	37550.6|	-4364.5|	0.0|	19892.5|	148.6|	226.2|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 3|Sx |Si|	779.7|	0.0|	0.0|	779.7|		
| 7- 1|si| 5| Tz |	328.6|	13.3|	0.0|	329.5|		
| 5- 1|si| 9| Ty |	556.4|	0.0|	-29.8|	558.8|		
----- PROGR. 140.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45190.1|	-4597.0|	0.0|	21691.3|	109.0|	237.4|
| 7- 1|	41448.2|	-7136.7|	0.0|	19892.5|	168.3|	219.3|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 3|Sx |Si|	822.3|	0.0|	0.0|	822.3|		
| 7- 1|si| 5| Tz |	302.9|	14.1|	0.0|	303.9|		
5- 1 si 9 Ty	555.6	0.0	-29.0	557.8		

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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----- PROGR.		0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
5- 1	11575.6	3695.9	0.0	12253.2	-12.0	214.7

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	415.6|	0.0|	0.0|	415.6|		
| 5- 1|si| 6| Tz |	251.8|	-6.3|	0.0|	252.1|		
| 5- 1|si| 9| Ty |	316.9|	0.0|	-26.2|	320.1|		
----- PROGR. 18.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	15271.9|	3802.2|	0.0|	12253.2|	-0.2|	207.8|
| 7- 1|	13562.9|	5032.7|	0.0|	11545.3|	11.3|	198.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	433.7|	0.0|	0.0|	433.7|		
| 7- 1|si| 5| Tz |	250.2|	5.8|	0.0|	250.4|		
| 5- 1|si| 9| Ty |	317.0|	0.0|	-25.4|	320.0|		
----- PROGR. 35.						

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	18846.9|	3701.9|	0.0|	12253.2|	11.6|	200.8|
| 7- 1|	16978.8|	4662.2|	0.0|	11545.3|	31.0|	191.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |Si|	448.6|	0.0|	0.0|	448.6|		
| 7- 1|si| 5| Tz |	233.6|	6.6|	0.0|	233.9|		
| 5- 1|si| 9| Ty |	316.9|	0.0|	-24.5|	319.7|		

Copertura area carburante - Relazione di calcolo

-----										PROGR.	52.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	22300.7|	3394.8|	0.0|	12253.2|	23.5|	193.9|					
| 7- 1|	20273.4|	3947.2|	0.0|	11545.3|	50.7|	184.8|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 4|Sx	Si	460.3|	0.0|	0.0|	460.3|					
| 7- 1|	si| 5|	Tz	216.6|	7.4|	0.0|	217.0|					
| 5- 1|	si| 9|	Ty	316.8|	0.0|	-23.7|	319.4|					
-----										PROGR.	70.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	25633.3|	2881.1|	0.0|	12253.2|	35.3|	187.0|					
| 7- 1|	23446.8|	2887.6|	0.0|	11545.3|	70.4|	177.9|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 4|Sx	Si	468.7|	0.0|	0.0|	468.7|					
| 7- 1|	si| 5|	Tz	199.1|	8.2|	0.0|	199.6|					
| 5- 1|	si| 9|	Ty	316.5|	0.0|	-22.8|	319.0|					
-----										PROGR.	88.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	28844.5|	2160.6|	0.0|	12253.2|	47.1|	180.0|					
| 7- 1|	26498.8|	1483.5|	0.0|	11545.3|	90.1|	170.9|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 4|Sx	Si	473.9|	0.0|	0.0|	473.9|					
| 7- 1|	si| 5|	Tz	181.2|	9.0|	0.0|	181.8|					
| 5- 1|	si| 9|	Ty	316.2|	0.0|	-22.0|	318.4|					
-----										PROGR.	105.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	31934.6|	1233.3|	0.0|	12253.2|	58.9|	173.1|					
| 7- 1|	29429.7|	-265.1|	0.0|	11545.3|	109.8|	164.0|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 4|Sx	Si	475.8|	0.0|	0.0|	475.8|					
| 7- 1|	si| 5|	Tz	162.8|	9.8|	0.0|	163.6|					
| 5- 1|	si| 9|	Ty	315.7|	0.0|	-21.1|	317.8|					
-----										PROGR.	122.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 6- 1|	33403.0|	3339.7|	0.0|	10954.9|	-15.3|	149.0|					
| 7- 1|	32239.3|	-2358.3|	0.0|	11545.3|	129.5|	157.1|					
| 5- 1|	34903.3|	99.4|	0.0|	12253.2|	70.7|	166.2|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 6- 1|	si| 4|Sx	Si	476.4|	0.0|	0.0|	476.4|					
| 7- 1|	si| 5|	Tz	143.9|	10.5|	0.0|	145.1|					
| 5- 1|	si| 9|	Ty	315.1|	0.0|	-20.3|	317.1|					
-----										PROGR.	140.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 7- 1|	34927.6|	-4795.9|	0.0|	11545.3|	149.1|	150.2|					
| 5- 1|	37750.8|	-1241.2|	0.0|	12253.2|	82.5|	159.2|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 7- 1|	si| 3|Sx	Si	517.5|	0.0|	0.0|	517.5|					
| 7- 1|	si| 5|	Tz	124.6|	11.3|	0.0|	126.2|					
| 5- 1|	si| 9|	Ty	314.5|	0.0|	-19.5|	316.3|					
-----										PROGR.	140.
VERIFICA STABILITA` :											
|L0 = 140.0|											
Z |Lc = 140.0|Ro = 6.57|lm = 21.3|Ncr= 1773757.6|alfa(b)=0.3400|ki=0.9838|											
Y |Lc = 140.0|Ro = 3.98|lm = 35.2|Ncr= 651055.7|alfa(c)=0.4900|ki=0.8945|											
Casol2- 3 - Nodo 1 - Asse Y											
Ned = -772.3|Mzeq = 4577.4|Myeq = -57.0|Ss = -43.7 (0.017)											
P_HEA160_S018 (18) stato limite ultimo - ASTA (764- 344)										1310	
-----										PROGR.	0.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	-7120.7|	5994.4|	0.0|	-29598.7|	-4.4|	78.6|					
| 7- 1|	-6780.7|	8627.0|	0.0|	-26445.3|	-17.1|	76.2|					
| 6- 1|	-7204.5|	1804.1|	0.0|	-31463.2|	12.9|	79.2|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 3|Sx	Si	-871.3|	0.0|	0.0|	871.3|					
| 7- 1|	si| 6|	Tz	-674.6|	-2.9|	0.0|	674.6|					
| 6- 1|	si| 9|	Ty	-808.2|	0.0|	-9.7|	808.4|					
-----										PROGR.	18.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	-5806.2|	5968.6|	0.0|	-29598.7|	7.4|	71.6|					
| 6- 1|	-5879.5|	1578.6|	0.0|	-31463.2|	12.9|	72.2|					
TENSIONI (Sz= 0.00) :											
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si						
| 5- 1|	si| 3|Sx	Si	-865.0|	0.0|	0.0|	865.0|					
| 6- 1|	si| 5|	Tz	-777.8|	2.5|	0.0|	777.8|					
| 6- 1|	si| 9|	Ty	-808.3|	0.0|	-8.8|	808.5|					
-----										PROGR.	35.
SOLLECITAZIONI :											
| Caso |	MZ	MY	MT	N	TZ	TY					
| 5- 1|	-4613.0|	5736.1|	0.0|	-29598.7|	19.2|	64.7|					
| 7- 1|	-4358.0|	8537.5|	0.0|	-26445.3|	22.2|	62.3|					
| 6- 1|	-4675.8|	1353.1|	0.0|	-31463.2|	12.9|	65.3|					
TENSIONI (Sz= 0.00) :											

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	Si	-856.6	0.0	856.6
7- 1	|si	5	Tz		-635.3	2.7	635.4
6- 1	|si	9	Ty		-808.4	0.0	808.5

52.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-3541.0	5296.9	0.0	-29598.7	31.0	57.8
7- 1	-3328.5	7975.9	0.0	-26445.3	41.9	55.4
6- 1	-3593.4	1127.6	0.0	-31463.2	12.9	58.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	Si	-846.0	0.0	846.0
7- 1	|si	5	Tz		-641.7	3.5	641.7
6- 1	|si	9	Ty		-808.5	0.0	808.6

70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-2590.3	4650.9	0.0	-29598.7	42.8	50.9
7- 1	-2420.3	7069.8	0.0	-26445.3	61.6	48.4
6- 1	-2632.2	902.1	0.0	-31463.2	12.9	51.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	Si	-833.3	0.0	833.3
7- 1	|si	5	Tz		-648.4	4.3	648.5
6- 1	|si	9	Ty		-808.7	0.0	808.7

88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-1792.2	676.5	0.0	-31463.2	12.9	44.5
7- 1	-1633.3	5819.1	0.0	-26445.3	81.3	41.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	-826.0	0.0	826.0
7- 1	|si	5	Tz		-655.6	5.1	655.7
6- 1	|si	9	Ty		-808.8	0.0	808.8

105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-1073.6	451.0	0.0	-31463.2	12.9	37.6
7- 1	-967.6	4223.9	0.0	-26445.3	101.0	34.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	-819.8	0.0	819.8
7- 1	|si	5	Tz		-663.3	5.9	663.4
6- 1	|si	9	Ty		-808.9	0.0	808.9

122.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-476.2	225.5	0.0	-31463.2	12.9	30.7
7- 1	-423.2	2284.2	0.0	-26445.3	120.7	27.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	-814.2	0.0	814.2
7- 1	|si	5	Tz		-671.5	6.7	671.6
6- 1	|si	9	Ty		-809.0	0.0	809.0

140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-31463.2	12.9	23.7
7- 1	0.0	0.0	0.0	-26445.3	140.4	20.7
8- 2	0.0	0.0	0.0	-4838.9	3.7	-28.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	3	Sx	Si	-809.1	0.0	809.1
7- 1	|si	5	Tz		-680.1	7.5	680.2
8- 2	|si	9	Ty		-124.4	0.0	124.6
6- 1	|si	9	Si		-809.1	0.0	809.1

VERIFICA STABILITA` :

$l_0 = 140.1$
 $Z \quad |L_c = 140.1 \quad |R_o = 6.57 \quad |l_m = 21.3 \quad |N_{cr} = 1773757.6 \quad |alfa(b) = 0.3400 \quad |k_i = 0.9838$
 $Y \quad |L_c = 140.1 \quad |R_o = 3.98 \quad |l_m = 35.2 \quad |N_{cr} = 651055.7 \quad |alfa(c) = 0.4900 \quad |k_i = 0.8945$
 Caso 5- 1 - Nodo 3 - Asse Y
 $N_{ed} = -29598.7 \quad |M_{zeq} = -5340.6 \quad |M_{yeq} = 5329.6 \quad |S_s = -948.1 \quad (0.362)$

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-11372.5	9169.7	0.0	2073.5	18.3	286.8
6- 1	-10833.6	1665.4	0.0	2872.2	-11.5	300.1
5- 1	-12098.2	6252.6	0.0	2424.3	5.8	309.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	1	Sx	Si	224.0	0.0	224.0
6- 1	|si	6	Tz		118.1	-8.5	119.0
5- 1	|si	9	Ty		65.4	0.0	92.5

18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-6240.2	8652.8	0.0	2073.5	38.7	279.6
5- 1	-6561.4	6036.3	0.0	2424.3	18.1	301.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	1	Sx	Si	194.0	0.0	194.0
7- 1	|si	5	Tz		106.9	9.3	108.1
5- 1	|si	9	Ty		65.3	0.0	91.3

Copertura area carburante - Relazione di calcolo

-----								PROGR.	36.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 7- 1|	-1237.9|	7766.3|	0.0|	2073.5|	59.1|	272.4|			
| 5- 1|	-1154.6|	5598.2|	0.0|	2424.3|	30.3|	294.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 7- 1|	|si| 1|Sx	Si| 159.8|	0.0|	0.0|	159.8|				
| 7- 1|	|si| 5| Tz	| 81.6|	10.1|	0.0|	83.5|				
| 5- 1|	|si| 9| Ty	| 65.1|	0.0|	-36.0|	90.1|				
-----								PROGR.	54.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 7- 1|	3634.2|	6510.3|	0.0|	2073.5|	79.5|	265.2|			
| 5- 1|	4122.0|	4938.4|	0.0|	2424.3|	42.5|	287.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 7- 1|	|si| 4|Sx	Si| 154.4|	0.0|	0.0|	154.4|				
| 7- 1|	|si| 5| Tz	| 55.9|	10.9|	0.0|	59.0|				
| 5- 1|	|si| 9| Ty	| 64.7|	0.0|	-35.1|	88.8|				
-----								PROGR.	72.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	9268.5|	4056.9|	0.0|	2424.3|	54.8|	280.4|			
| 7- 1|	8376.3|	4884.6|	0.0|	2073.5|	99.9|	258.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|	|si| 4|Sx	Si| 157.1|	0.0|	0.0|	157.1|				
| 7- 1|	|si| 5| Tz	| 29.6|	11.7|	0.0|	36.0|				
| 5- 1|	|si| 9| Ty	| 64.3|	0.0|	-34.2|	87.5|				
-----								PROGR.	91.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	14735.3|	2706.2|	0.0|	2872.2|	-11.5|	264.2|			
| 7- 1|	12988.3|	2889.4|	0.0|	2073.5|	120.3|	250.9|			
| 5- 1|	14285.0|	2953.6|	0.0|	2424.3|	67.0|	273.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|	|si| 4|Sx	Si| 175.8|	0.0|	0.0|	175.8|				
| 7- 1|	|si| 5| Tz	| 2.9|	12.6|	0.0|	22.0|				
| 5- 1|	|si| 9| Ty	| 63.8|	0.0|	-33.4|	86.1|				
-----								PROGR.	109.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	19458.9|	2914.4|	0.0|	2872.2|	-11.5|	257.0|			
| 7- 1|	17470.3|	524.6|	0.0|	2073.5|	140.7|	243.7|			
| 5- 1|	19171.4|	1628.6|	0.0|	2424.3|	79.2|	266.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|	|si| 4|Sx	Si| 199.9|	0.0|	0.0|	199.9|				
| 7- 1|	|si| 5| Tz	| -24.3|	13.4|	0.0|	33.6|				
| 5- 1|	|si| 9| Ty	| 63.1|	0.0|	-32.5|	84.6|				
-----								PROGR.	127.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	24052.3|	3122.5|	0.0|	2872.2|	-11.5|	249.8|			
| 7- 1|	21822.1|	-2209.8|	0.0|	2073.5|	161.1|	236.5|			
| 5- 1|	23927.8|	81.8|	0.0|	2424.3|	91.5|	258.8|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|	|si| 4|Sx	Si| 223.4|	0.0|	0.0|	223.4|				
| 7- 1|	|si| 5| Tz	| -52.0|	14.2|	0.0|	57.5|				
| 5- 1|	|si| 9| Ty	| 62.4|	0.0|	-31.6|	83.0|				
-----								PROGR.	145.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	28515.7|	3330.7|	0.0|	2872.2|	-11.5|	242.7|			
| 7- 1|	26043.9|	-5313.7|	0.0|	2073.5|	181.4|	229.3|			
| 5- 1|	28554.0|	-1686.8|	0.0|	2424.3|	103.7|	251.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|	|si| 4|Sx	Si| 246.3|	0.0|	0.0|	246.3|				
| 7- 1|	|si| 5| Tz	| -80.2|	15.0|	0.0|	84.3|				
| 5- 1|	|si| 9| Ty	| 61.5|	0.0|	-30.7|	81.4|				

VERIFICA STABILITA` :									
|L0 = 145. |									
Z |Lc = 145. |Ro = 6.57|lm = 22.1|Ncr= 1653538.6|alfa(b)=0.3400|ki=0.9807|									
Y |Lc = 145. |Ro = 3.98|lm = 36.4|Ncr= 606929.5|alfa(c)=0.4900|ki=0.8868|									
Caso 7- 2 - Nodo 2 - Asse Y									
Ned = -460.9|Mzeq = 2829.0|Myeq = 7019.6|Ss = -117.5 (0.045)									
P_HEA160_S018 (18) stato limite ultimo - ASTA (768- 659) 1314									
-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	3529.9|	5311.0|	0.0|	8169.4|	0.7|	242.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|	|si| 4|Sx	Si| 295.1|	0.0|	0.0|	295.1|				
| 5- 1|	|si| 5| Tz	| 209.6|	6.4|	0.0|	209.9|				
| 5- 1|	|si| 9| Ty	| 212.7|	0.0|	-29.6|	218.8|				
-----								PROGR.	18.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	7860.0|	5187.8|	0.0|	8169.4|	12.9|	235.3|			
| 7- 1|	6973.2|	6179.7|	0.0|	7662.5|	21.3|	220.8|			
TENSIONI (Sz= 0.00) :									

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	0.0	0.0	313.1
7- 1	|si	5	Tz		183.5	6.9	183.9
5- 1	|si	9	Ty		212.6	0.0	-28.7

36.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	12060.1	4842.9	0.0	8169.4	25.1	228.1	
7- 1	10911.1	5608.8	0.0	7662.5	41.7	213.7	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	327.6	0.0	0.0
7- 1	|si	5	Tz		164.0	7.7	0.0
5- 1	|si	9	Ty		212.4	0.0	-27.9

54.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	16130.0	4276.3	0.0	8169.4	37.4	221.0	
7- 1	14718.8	4668.4	0.0	7662.5	62.1	206.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	338.7	0.0	0.0
7- 1	|si	5	Tz		144.0	8.5	0.0
5- 1	|si	9	Ty		212.2	0.0	-27.0

72.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	20069.9	3487.9	0.0	8169.4	49.6	213.8	
7- 1	18396.5	3358.4	0.0	7662.5	82.5	199.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	346.3	0.0	0.0
7- 1	|si	5	Tz		123.5	9.3	0.0
5- 1	|si	9	Ty		211.8	0.0	-26.1

91.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	23879.7	2477.8	0.0	8169.4	61.8	206.6	
7- 1	21944.0	1678.8	0.0	7662.5	102.9	192.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	350.5	0.0	0.0
7- 1	|si	5	Tz		102.5	10.2	0.0
5- 1	|si	9	Ty		211.3	0.0	-25.2

109.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	27559.4	1245.9	0.0	8169.4	74.1	199.4	
7- 1	25361.5	-370.4	0.0	7662.5	123.3	185.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	4	Sx	Si	351.1	0.0	0.0
7- 1	|si	5	Tz		81.1	11.0	0.0
5- 1	|si	9	Ty		210.7	0.0	-24.4

127.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	30025.1	3228.2	0.0	7293.0	0.4	180.5	
7- 1	28649.0	-2789.2	0.0	7662.5	143.6	177.8	
5- 1	31109.1	-207.8	0.0	8169.4	86.3	192.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	4	Sx	Si	365.5	0.0	0.0
7- 1	|si	5	Tz		59.1	11.8	0.0
5- 1	|si	9	Ty		210.0	0.0	-23.5

145.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
7- 1	31806.3	-5577.5	0.0	7662.5	164.0	170.6	
5- 1	34528.7	-1883.2	0.0	8169.4	98.6	185.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si	3	Sx	Si	413.6	0.0	0.0
7- 1	|si	5	Tz		36.6	12.6	0.0
5- 1	|si	9	Ty		209.2	0.0	-22.6

VERIFICA STABILITA` :

|L0 = 145.1
 Z |Lc = 145.1 |Ro = 6.57 |lm = 22.1 |Ncr = 1653538.6 |alfa(b) = 0.3400 |ki = 0.9807
 Y |Lc = 145.1 |Ro = 3.98 |lm = 36.4 |Ncr = 606929.5 |alfa(c) = 0.4900 |ki = 0.8868
 Caso12- 4 - Nodo 2 - Asse Y
 Ned = -338.1 |Mzeq = 4355.6 |Myeq = 404.5 |Ss = -34.8 (0.013)

P_HEA160_S018 (18) stato limite ultimo - ASTA (770- 362) 1316
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	-5660.6	6154.4	0.0	-23047.4	-6.5	67.7	
7- 1	-5352.9	9037.8	0.0	-20632.0	-19.2	65.6	
6- 1	-6090.3	1610.7	0.0	-24842.4	11.1	70.7	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si	3	Sx	Si	-698.3	0.0	0.0
7- 1	|si	6	Tz		-532.7	-2.7	0.0
6- 1	|si	9	Ty		-638.0	0.0	-8.6

18.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	

Copertura area carburante - Relazione di calcolo

| 5- 1|	-4497.8|	6161.2|	0.0|	-23047.4|	5.7|	60.6|
| 6- 1|	-4873.7|	1409.3|	0.0|	-24842.4|	11.1|	63.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si|	-693.1|	0.0|	0.0|	693.1|
| 6- 1|si| 5|	Tz |	-612.6|	2.2|	0.0|	612.6|
| 6- 1|si| 9|	Ty |	-638.1|	0.0|	-7.8|	638.3|

----- PROGR. 36.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-3465.0|	5946.3|	0.0|	-23047.4|	18.0|	53.4|
| 7- 1|	-3234.2|	8995.8|	0.0|	-20632.0|	21.5|	51.3|
| 6- 1|	-3787.3|	1208.0|	0.0|	-24842.4|	11.1|	56.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si|	-685.6|	0.0|	0.0|	685.6|
| 7- 1|si| 5|	Tz |	-489.6|	2.4|	0.0|	489.6|
| 6- 1|si| 9|	Ty |	-638.2|	0.0|	-6.9|	638.4|

----- PROGR. 54.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-2562.3|	5509.6|	0.0|	-23047.4|	30.2|	46.2|
| 7- 1|	-2370.0|	8420.5|	0.0|	-20632.0|	41.9|	44.1|
| 6- 1|	-2830.9|	1006.7|	0.0|	-24842.4|	11.1|	49.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si|	-675.9|	0.0|	0.0|	675.9|
| 7- 1|si| 5|	Tz |	-495.2|	3.2|	0.0|	495.2|
| 6- 1|si| 9|	Ty |	-638.3|	0.0|	-6.0|	638.4|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-1789.7|	4851.2|	0.0|	-23047.4|	42.4|	39.0|
| 7- 1|	-1635.8|	7475.5|	0.0|	-20632.0|	62.3|	36.9|
| 6- 1|	-2004.5|	805.3|	0.0|	-24842.4|	11.1|	42.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|si| 3|Sx |	Si|	-663.8|	0.0|	0.0|	663.8|
| 7- 1|si| 5|	Tz |	-501.3|	4.1|	0.0|	501.3|
| 6- 1|si| 9|	Ty |	-638.4|	0.0|	-5.1|	638.5|

----- PROGR. 91.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-1308.3|	604.0|	0.0|	-24842.4|	11.1|	34.8|
| 7- 1|	-1031.8|	6161.0|	0.0|	-20632.0|	82.7|	29.7|
| 12- 2|	-1507.9|	229.8|	0.0|	-11516.6|	4.2|	36.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	-652.6|	0.0|	0.0|	652.6|
| 7- 1|si| 5|	Tz |	-507.9|	4.9|	0.0|	507.9|
| 12- 2|si| 9|	Ty |	-296.0|	0.0|	-4.4|	296.1|

----- PROGR. 109.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-742.1|	402.7|	0.0|	-24842.4|	11.1|	27.6|
| 7- 1|	-557.8|	4476.9|	0.0|	-20632.0|	103.1|	22.6|
| 12- 2|	-905.2|	153.2|	0.0|	-11516.6|	4.2|	30.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	-647.4|	0.0|	0.0|	647.4|
| 7- 1|si| 5|	Tz |	-514.9|	5.7|	0.0|	515.0|
| 12- 2|si| 9|	Ty |	-296.1|	0.0|	-3.7|	296.1|

----- PROGR. 127.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-306.0|	201.3|	0.0|	-24842.4|	11.1|	20.5|
| 7- 1|	-213.8|	2423.3|	0.0|	-20632.0|	123.5|	15.4|
| 12-15|	616.8|	-0.3|	0.0|	951.7|	0.0|	-31.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 3|Sx |	Si|	-642.8|	0.0|	0.0|	642.8|
| 7- 1|si| 5|	Tz |	-522.5|	6.5|	0.0|	522.6|
| 12-15|si| 9|	Ty |	24.5|	0.0|	3.8|	25.4|

----- PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-24842.4|	11.1|	13.3|
| 7- 1|	0.0|	0.0|	0.0|	-20632.0|	143.9|	8.2|
| 12-15|	0.0|	0.0|	0.0|	951.7|	0.0|	-36.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|si| 1|Sx |	Si|	-638.8|	0.0|	0.0|	638.8|
| 7- 1|si| 5|	Tz |	-530.6|	7.3|	0.0|	530.7|
| 12-15|si| 9|	Ty |	24.5|	0.0|	4.5|	25.7|
| 6- 1|si| 9|	Si |	-638.8|	0.0|	-1.6|	638.8|

VERIFICA STABILITA` :

|L0 = 145.1
 Z |Lc = 145.1|Ro = 6.57|lm = 22.1|Ncr= 1653538.6|alfa(b)=0.3400|ki=0.9807|
 Y |Lc = 145.1|Ro = 3.98|lm = 36.4|Ncr= 606929.5|alfa(c)=0.4900|ki=0.8868|
 Caso 5- 1 - Nodo 3 - Asse Y
 Ned = -23047.4|Mzeq = -4245.5|Myeq = 5537.8|Ss = -762.6 (0.291)

P_HEA160_S018 (18) stato limite ultimo - ASTA (772- 694) 1318
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	-6759.5|	11632.5|	0.0|	9014.8|	27.2|	307.6|

Copertura area carburante - Relazione di calcolo

```

| 5- 1| -7091.3| 7692.0| 0.0| 10109.0| 12.1| 332.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx |Si| 413.6| 0.0| 0.0| 413.6|
| 7- 1|si| 5| Tz | 296.5| 9.5| 0.0| 296.9|
| 5- 1|si| 9| Ty | 263.7| 0.0| -40.7| 272.9|
-----

```

21.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -311.5| 10800.5| 0.0| 9014.8| 51.1| 299.2|
| 5- 1| -107.1| 7281.9| 0.0| 10109.0| 26.5| 324.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx |Si| 373.6| 0.0| 0.0| 373.6|
| 7- 1|si| 5| Tz | 264.8| 10.4| 0.0| 265.4|
| 5- 1|si| 9| Ty | 263.5| 0.0| -39.6| 272.3|
-----

```

42.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 5957.7| 9460.5| 0.0| 9014.8| 75.0| 290.8|
| 5- 1| 6698.3| 6567.0| 0.0| 10109.0| 40.8| 316.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 4|Sx |Si| 381.7| 0.0| 0.0| 381.7|
| 7- 1|si| 5| Tz | 232.5| 11.4| 0.0| 233.3|
| 5- 1|si| 9| Ty | 263.2| 0.0| -38.6| 271.5|
-----

```

64.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 13324.8| 5547.3| 0.0| 10109.0| 55.2| 307.6|
| 7- 1| 12048.1| 7612.5| 0.0| 9014.8| 98.9| 282.4|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| 392.4| 0.0| 0.0| 392.4|
| 7- 1|si| 5| Tz | 199.5| 12.3| 0.0| 200.6|
| 5- 1|si| 9| Ty | 262.7| 0.0| -37.6| 270.6|
-----

```

85.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19772.6| 4222.8| 0.0| 10109.0| 69.5| 299.2|
| 7- 1| 17959.6| 5256.5| 0.0| 9014.8| 122.8| 274.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| 404.4| 0.0| 0.0| 404.4|
| 7- 1|si| 5| Tz | 165.8| 13.3| 0.0| 167.4|
| 5- 1|si| 9| Ty | 262.0| 0.0| -36.5| 269.6|
-----

```

106.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 26465.6| 2558.7| 0.0| 10703.8| -9.3| 285.7|
| 7- 1| 23692.4| 2392.5| 0.0| 9014.8| 146.7| 265.6|
| 5- 1| 26041.6| 2593.4| 0.0| 10109.0| 83.8| 290.8|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| 428.4| 0.0| 0.0| 428.4|
| 7- 1|si| 5| Tz | 131.5| 14.3| 0.0| 133.8|
| 5- 1|si| 9| Ty | 261.2| 0.0| -35.5| 268.4|
-----

```

128.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 32447.3| 2755.6| 0.0| 10703.8| -9.3| 277.3|
| 7- 1| 29246.4| -979.5| 0.0| 9014.8| 170.6| 257.2|
| 5- 1| 32131.7| 659.3| 0.0| 10109.0| 98.2| 282.4|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| 458.1| 0.0| 0.0| 458.1|
| 7- 1|si| 5| Tz | 96.4| 15.2| 0.0| 100.0|
| 5- 1|si| 9| Ty | 260.3| 0.0| -34.5| 267.0|
-----

```

149.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 38250.2| 2952.4| 0.0| 10703.8| -9.3| 268.9|
| 7- 1| 34621.6| -4859.5| 0.0| 9014.8| 194.5| 248.7|
| 5- 1| 38043.1| -1579.7| 0.0| 10109.0| 112.5| 274.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx |Si| 486.9| 0.0| 0.0| 486.9|
| 7- 1|si| 5| Tz | 60.7| 16.2| 0.0| 66.9|
| 5- 1|si| 9| Ty | 259.2| 0.0| -33.5| 265.6|
-----

```

170.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 39818.0| -9247.6| 0.0| 9014.8| 218.4| 240.3|
| 5- 1| 43775.7| -4123.4| 0.0| 10109.0| 126.9| 265.6|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 3|Sx |Si| 532.4| 0.0| 0.0| 532.4|
| 7- 1|si| 5| Tz | 24.4| 17.1| 0.0| 38.4|
| 5- 1|si| 9| Ty | 257.9| 0.0| -32.4| 264.0|
-----

```

VERIFICA STABILITA` :

```

|L0 = 170. |
Z |Lc = 170. |Ro = 6.57|Im = 25.9|Ncr= 1202963.6|alfa(b)=0.3400|ki=0.9648|
Y |Lc = 170. |Ro = 3.98|Im = 42.7|Ncr= 441546.5|alfa(c)=0.4900|ki=0.8474|
Casol2-15 - Nodo 2 - Asse Y
Ned = -16.6|Mzeq = 4753.2|Myeq = 164.8|Ss = -24.2 ( 0.009)

```

P_HEA160_S018 (18) stato limite ultimo - ASTA (774- 695) 1320

Copertura area carburante - Relazione di calcolo

----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	3040.7	6749.0	0.0	5905.7	1.5	236.4
5- 1	3821.6	5369.5	0.0	6296.0	1.5	251.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	si	4	Sx	253.3	0.0	0.0	253.3
5- 1	si	5	Tz	160.3	6.7	0.0	160.7
5- 1	si	9	Ty	164.5	0.0	-30.7	172.9

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	7975.8	6462.5	0.0	5905.7	25.4	228.0
5- 1	9081.2	5184.4	0.0	6296.0	15.9	243.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	si	4	Sx	272.0	0.0	0.0	272.0
7- 1	si	5	Tz	134.6	7.3	0.0	135.2
5- 1	si	9	Ty	164.4	0.0	-29.7	172.3

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	14162.0	4694.6	0.0	6296.0	30.2	234.9
7- 1	12732.2	5668.1	0.0	5905.7	49.3	219.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx	287.1	0.0	0.0	287.1
7- 1	si	5	Tz	110.8	8.2	0.0	111.7
5- 1	si	9	Ty	164.2	0.0	-28.7	171.5

----- PROGR. 64.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	19064.0	3900.0	0.0	6296.0	44.6	226.5
7- 1	17309.7	4365.6	0.0	5905.7	73.2	211.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx	299.0	0.0	0.0	299.0
7- 1	si	5	Tz	86.2	9.2	0.0	87.7
5- 1	si	9	Ty	163.8	0.0	-27.7	170.7

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	23787.2	2800.6	0.0	6296.0	58.9	218.1
7- 1	21708.4	2555.1	0.0	5905.7	97.2	202.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx	306.1	0.0	0.0	306.1
7- 1	si	5	Tz	61.0	10.2	0.0	63.5
5- 1	si	9	Ty	163.3	0.0	-26.6	169.7

----- PROGR. 106.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	28331.6	1396.3	0.0	6296.0	73.3	209.6
7- 1	25928.3	236.6	0.0	5905.7	121.1	194.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx	308.4	0.0	0.0	308.4
7- 1	si	5	Tz	35.1	11.1	0.0	40.0
5- 1	si	9	Ty	162.6	0.0	-25.6	168.5

----- PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	31967.4	2724.1	0.0	5636.9	1.4	192.5
7- 1	29969.4	-2589.9	0.0	5905.7	145.0	186.0
5- 1	32697.2	-312.7	0.0	6296.0	87.6	201.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	325.2	0.0	0.0	325.2
7- 1	si	5	Tz	8.5	12.1	0.0	22.6
5- 1	si	9	Ty	161.8	0.0	-24.6	167.3

----- PROGR. 149.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	33831.7	-5924.4	0.0	5905.7	168.9	177.5
5- 1	36884.0	-2326.5	0.0	6296.0	101.9	192.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	si	3	Sx	382.1	0.0	0.0	382.1
7- 1	si	5	Tz	-18.7	13.0	0.0	29.3
5- 1	si	9	Ty	160.8	0.0	-23.6	165.9

----- PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	37515.2	-9767.0	0.0	5905.7	192.8	169.1
5- 1	40892.0	-4645.2	0.0	6296.0	116.3	184.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	si	3	Sx	448.8	0.0	0.0	448.8
7- 1	si	5	Tz	-46.7	14.0	0.0	52.6
5- 1	si	9	Ty	159.6	0.0	-22.5	164.3

VERIFICA STABILITA` :

|L0 = 170.1
 z |Lc = 170.1 |Ro = 6.57 |lm = 25.9 |Ncr = 1202963.6 |alfa(b) = 0.3400 |ki = 0.9648 |
 Y |Lc = 170.1 |Ro = 3.98 |lm = 42.7 |Ncr = 441546.5 |alfa(c) = 0.4900 |ki = 0.8474 |
 Caso 7- 2 - Nodo 2 - Asse Y
 Ned = -440.4 |Mzeq = 5327.2 |Myeq = 9667.2 |Ss = -163.2 (0.062)

Copertura area carburante - Relazione di calcolo

```

|L0 = 170. |
Z |Lc = 170. |Ro = 6.57 |lm = 25.9 |Ncr= 1202963.6 |alfa(b)=0.3400 |ki=0.9648 |
Y |Lc = 170. |Ro = 3.98 |lm = 42.7 |Ncr= 441546.5 |alfa(c)=0.4900 |ki=0.8474 |
Caso 5- 1 - Nodo 3 - Asse Y
Ned = -48050.0 |Mzeq = -15409.0 |Myeq = 6943.6 |Ss = -1632.1 ( 0.623)

P_HEAL60_S018 ( 18)          stato limite ultimo - ASTA ( 778- 747)  1324
----- PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -17315.1 | 10639.4 | 0.0 | 12072.6 | 22.3 | 389.2 |
| 6- 1| -17674.1 | 2131.6 | 0.0 | 14147.3 | -13.4 | 418.1 |
| 5- 1| -18730.9 | 7350.3 | 0.0 | 13382.3 | 7.3 | 422.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx | Si | 527.1 | 0.0 | 0.0 | 527.1 |
| 6- 1|si| 5| Tz | | 437.7 | -11.7 | 0.0 | 438.1 |
| 5- 1|si| 9| Ty | | 347.7 | 0.0 | -51.6 | 359.0 |
----- PROGR. 20.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -9668.0 | 9974.5 | 0.0 | 12072.6 | 44.7 | 381.3 |
| 5- 1| -10427.3 | 7072.2 | 0.0 | 13382.3 | 20.7 | 414.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 1|Sx | Si | 483.9 | 0.0 | 0.0 | 483.9 |
| 7- 1|si| 5| Tz | | 383.4 | 12.3 | 0.0 | 384.0 |
| 5- 1|si| 9| Ty | | 347.6 | 0.0 | -50.6 | 358.5 |
----- PROGR. 40.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -2279.8 | 6528.2 | 0.0 | 13382.3 | 34.1 | 406.5 |
| 7- 1| -2177.0 | 8866.5 | 0.0 | 12072.6 | 67.0 | 373.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | 439.3 | 0.0 | 0.0 | 439.3 |
| 7- 1|si| 5| Tz | | 346.2 | 13.2 | 0.0 | 347.0 |
| 5- 1|si| 9| Ty | | 347.3 | 0.0 | -49.7 | 357.8 |
----- PROGR. 60.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 5711.8 | 5718.2 | 0.0 | 13382.3 | 47.5 | 398.7 |
| 7- 1| 5158.0 | 7315.1 | 0.0 | 12072.6 | 89.3 | 365.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 444.3 | 0.0 | 0.0 | 444.3 |
| 7- 1|si| 5| Tz | | 308.5 | 14.1 | 0.0 | 309.4 |
| 5- 1|si| 9| Ty | | 346.9 | 0.0 | -48.7 | 357.0 |
----- PROGR. 79.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 14274.2 | 3197.4 | 0.0 | 14147.3 | -13.4 | 386.7 |
| 7- 1| 12337.0 | 5320.4 | 0.0 | 12072.6 | 111.7 | 357.7 |
| 5- 1| 13547.3 | 4642.2 | 0.0 | 13382.3 | 60.9 | 390.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | 470.0 | 0.0 | 0.0 | 470.0 |
| 7- 1|si| 5| Tz | | 270.1 | 15.0 | 0.0 | 271.3 |
| 5- 1|si| 9| Ty | | 346.4 | 0.0 | -47.7 | 356.1 |
----- PROGR. 99.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 21871.2 | 3463.9 | 0.0 | 14147.3 | -13.4 | 378.8 |
| 7- 1| 19359.9 | 2882.5 | 0.0 | 12072.6 | 134.0 | 349.9 |
| 5- 1| 21226.8 | 3300.3 | 0.0 | 13382.3 | 74.3 | 382.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | 507.9 | 0.0 | 0.0 | 507.9 |
| 7- 1|si| 5| Tz | | 231.2 | 15.9 | 0.0 | 232.8 |
| 5- 1|si| 9| Ty | | 345.7 | 0.0 | -46.8 | 355.1 |
----- PROGR. 119.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 29312.2 | 3730.3 | 0.0 | 14147.3 | -13.4 | 370.9 |
| 7- 1| 26226.9 | 1.3 | 0.0 | 12072.6 | 156.3 | 342.0 |
| 5- 1| 28750.2 | 1692.4 | 0.0 | 13382.3 | 87.7 | 375.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | 545.1 | 0.0 | 0.0 | 545.1 |
| 7- 1|si| 5| Tz | | 191.6 | 16.8 | 0.0 | 193.8 |
| 5- 1|si| 9| Ty | | 345.0 | 0.0 | -45.8 | 354.0 |
----- PROGR. 139.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 36597.2 | 3996.8 | 0.0 | 14147.3 | -13.4 | 363.1 |
| 7- 1| 32937.8 | -3323.1 | 0.0 | 12072.6 | 178.6 | 334.2 |
| 5- 1| 36117.7 | -181.4 | 0.0 | 13382.3 | 101.1 | 367.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | 581.6 | 0.0 | 0.0 | 581.6 |
| 7- 1|si| 5| Tz | | 151.5 | 17.6 | 0.0 | 154.6 |
| 5- 1|si| 9| Ty | | 344.0 | 0.0 | -44.9 | 352.7 |
----- PROGR. 159.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 43726.2 | 4263.2 | 0.0 | 14147.3 | -13.4 | 355.2 |
| 7- 1| 39492.8 | -7090.9 | 0.0 | 12072.6 | 201.0 | 326.3 |
| 5- 1| 43329.2 | -2321.2 | 0.0 | 13382.3 | 114.5 | 359.4 |
TENSIONI (Sz= 0.00) :

```


Copertura area carburante - Relazione di calcolo

P_HEA160_S018 (18) stato limite ultimo - ASTA (782- 749) 1328
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	27655.3	4201.1	0.0	33364.2	-8.3	258.5
6- 1	27307.9	1559.0	0.0	31665.6	-14.1	247.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1037.9	0.0
6- 1	si	6	Tz	686.0	-7.2	0.0
5- 1	si	9	Ty	860.0	0.0	-31.6
 ----- PROGR. 20.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	32708.1	4233.9	0.0	33364.2	5.0	250.6
7- 1	29357.1	5639.9	0.0	30425.3	19.3	234.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1061.2	0.0
7- 1	si	5	Tz	665.9	7.1	0.0
5- 1	si	9	Ty	860.0	0.0	-30.6
 ----- PROGR. 40.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	37604.8	4000.7	0.0	33364.2	18.4	242.8
7- 1	33931.1	5035.8	0.0	30425.3	41.6	226.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1080.3	0.0
7- 1	si	5	Tz	643.4	8.0	0.0
5- 1	si	9	Ty	859.9	0.0	-29.7
 ----- PROGR. 60.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	42345.6	3501.5	0.0	33364.2	31.8	234.9
7- 1	38349.0	3988.4	0.0	30425.3	63.9	218.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1095.3	0.0
7- 1	si	5	Tz	620.3	8.9	0.0
5- 1	si	9	Ty	859.7	0.0	-28.7
 ----- PROGR. 79.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	46930.3	2736.4	0.0	33364.2	45.2	227.0
7- 1	42610.9	2497.7	0.0	30425.3	86.3	210.8
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1106.2	0.0
7- 1	si	5	Tz	596.6	9.8	0.0
5- 1	si	9	Ty	859.3	0.0	-27.7
 ----- PROGR. 99.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	51359.0	1705.3	0.0	33364.2	58.6	219.2
7- 1	46716.9	563.7	0.0	30425.3	108.6	202.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1112.8	0.0
7- 1	si	5	Tz	572.4	10.7	0.0
5- 1	si	9	Ty	858.8	0.0	-26.8
 ----- PROGR. 119.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	55631.7	408.2	0.0	33364.2	72.0	211.3
7- 1	50666.7	-1813.5	0.0	30425.3	130.9	195.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	1115.3	0.0
7- 1	si	5	Tz	547.5	11.6	0.0
5- 1	si	9	Ty	858.2	0.0	-25.8
 ----- PROGR. 139.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	59748.4	-1154.8	0.0	33364.2	85.4	203.5
7- 1	54460.6	-4634.0	0.0	30425.3	153.3	187.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	3	Sx	Si	1143.7	0.0
7- 1	si	5	Tz	522.1	12.5	0.0
5- 1	si	9	Ty	857.4	0.0	-24.9
 ----- PROGR. 159.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	63709.1	-2983.8	0.0	33364.2	98.8	195.6
7- 1	58098.5	-7897.8	0.0	30425.3	175.6	179.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	3	Sx	Si	1185.4	0.0
7- 1	si	5	Tz	496.1	13.4	0.0
5- 1	si	9	Ty	856.5	0.0	-23.9

 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

P_HEA160_S018 (18) stato limite ultimo - ASTA (784- 398) 1330
 ----- PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |


```

|L0 = 159. |
Z |Lc = 159. |Ro = 6.57|lm = 24.1|Ncr= 1382114.3|alfa(b)=0.3400|ki=0.9721|
Y |Lc = 159. |Ro = 3.98|lm = 39.9|Ncr= 507303.5|alfa(c)=0.4900|ki=0.8656|
Caso 8- 1 - Nodo 2 - Asse Y
Ned = -16644.7|Mzeq = 5447.3|Myeq = 1276.4|Ss = -536.6 ( 0.205)

```

11.5 Verifica tiranti orizzontali di controvento

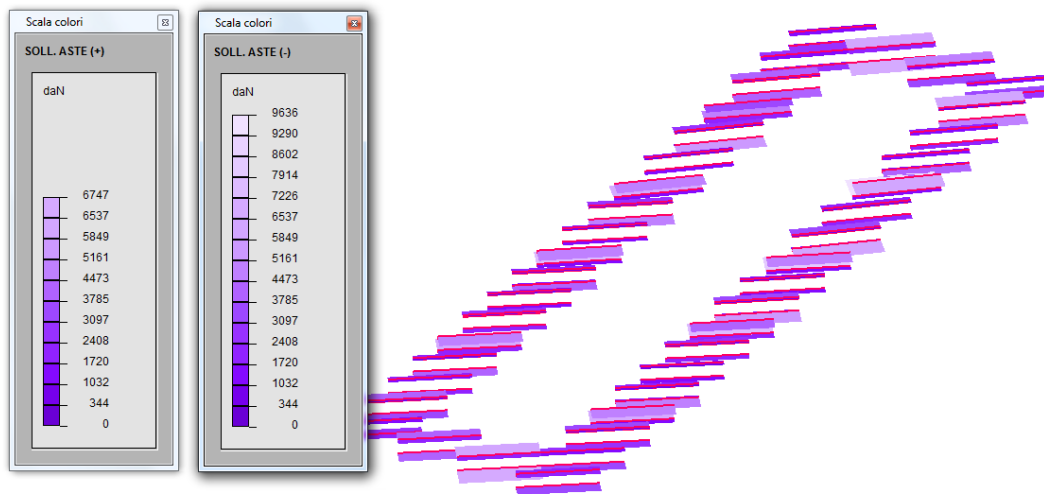


Figura 28: involuppo delle sollecitazioni normali SLU/SLV nei tiranti di controvento

La sezione resistente è pari a 15.5 cm^2 da cui una tensione normale di:

$$s = 9636 / 15.5 = 621.68 \text{ daN/cm}^2$$

11.6 Verifica arcarecci e elementi longitudinali di controvento inferiore

VERIFICA ELEMENTI IN ACCIAIO
lavoro : MUSST4

Unità di misura:
Lunghezze: cm
Prop.Sez.: cm
Forze: daN
Momenti: daNcm
Tensioni: daN/cm²

MATERIALI

S275 (EN 10025-2): Mod.El.= 2100000.0; gM = 1.050;
fyk = 2750.0(2550.0 per sp>40 mm); fyd = 2619.0(2428.6 per sp>40 mm).

CASI DI CARICO

N	Descrizione	Soll.
1	|SLU Max Var	1
2	|SLU Max Neve	1
3	|SLU VENTOX 1	2
4	|SLU VENTOX 1	2
5	|SLU VENTOX 2	2
6	|SLU VENTOX 2	2
7	|SLU VENTOX 3	2
8	|SLU VENTOX 3	2
11	|SLU con SISMAL PRINC	16
12	|SLU con SISMAL PRINC	16

CARATTERISTICHE GEOMETRICHE

P_IPE120_S009 (9) :
A = 13.2354E+00 Jz=318.4136E+00 Jy= 27.6750E+00 Jt= 1.3055E+00

P_IPE120_S009 (9) stato limite ultimo - ASTA (6- 525) 1632
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	0.0	0.0	-3.0	2579.3	0.1	140.7
5- 1	0.0	0.0	-17.2	2317.3	-8.6	832.2
6- 1	0.0	0.0	-16.9	2125.4	-1.0	834.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5- 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6- 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 6| Tz | 708.5| -39.5| 0.0| 711.8|
| 6- 1|si| 9| Ty | 42.3| 0.0| -199.8| 348.7|
-----
PROGR. 35.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -6045.3| -144.5| 1.2| 699.4| -7.3| 681.8|
| 6- 1| -6089.1| 41.1| 1.1| 551.6| 0.5| 684.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | 183.5| 0.0| 0.0| 183.5|
| 5- 1|si| 6| Tz | 171.6| -29.6| 0.0| 179.0|
| 6- 1|si| 9| Ty | 42.0| 0.0| -148.9| 261.4|
| 5- 1|si|10| Si | 54.0| 0.0| -148.5| 262.8|
-----
PROGR. 70.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 13714.2| 67.9| 1.2| 699.4| -4.8| 447.4|
| 6- 1| 13752.8| 25.1| 1.1| 549.1| 0.5| 449.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 319.1| 0.0| 0.0| 319.1|
| 5- 1|si| 6| Tz | -207.8| -19.6| 0.0| 210.6|
| 6- 1|si| 9| Ty | 41.7| 0.0| -98.0| 174.8|
-----
PROGR. 105.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 25270.3| 192.0| 1.2| 699.4| -2.3| 213.0|
| 6- 1| 25391.3| 9.0| 1.1| 546.6| 0.5| 215.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 551.2| 0.0| 0.0| 551.2|
| 5- 1|si| 6| Tz | -429.7| -9.6| 0.0| 430.0|
| 6- 1|si| 9| Ty | 41.4| 0.0| -47.1| 91.5|
-----
PROGR. 140.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 28622.9| 228.0| 1.2| 699.4| 0.2| -21.4|
| 7- 1| 25558.4| 385.1| 1.2| 562.2| -0.1| -21.4|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 618.6| 0.0| 0.0| 618.6|
| 5- 1|si| 6| Tz | -494.1| 1.5| 0.0| 494.1|
| 7- 1|si| 9| Ty | 45.5| 0.0| 5.1| 46.4|
-----
PROGR. 175.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 23772.0| 175.7| 1.2| 699.4| 2.8| -255.8|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 521.1| 0.0| 0.0| 521.1|
| 5- 1|si| 6| Tz | -400.9| 11.5| 0.0| 401.4|
| 5- 1|si| 9| Ty | 54.2| 0.0| 56.0| 111.1|
-----
PROGR. 210.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 10717.7| 35.3| 1.2| 699.4| 5.3| -490.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 258.9| 0.0| 0.0| 258.9|
| 5- 1|si| 6| Tz | -150.3| 21.4| 0.0| 154.8|
| 5- 1|si| 9| Ty | 53.1| 0.0| 106.9| 192.6|
| 5- 1|si|13| Si | 210.3| 0.0| 90.1| 261.9|
-----
PROGR. 245.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -10540.1| -193.3| 1.2| 699.4| 7.8| -724.6|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | 273.8| 0.0| 0.0| 273.8|
| 5- 1|si| 6| Tz | 257.9| 31.4| 0.0| 263.6|
| 5- 1|si| 9| Ty | 51.3| 0.0| 157.8| 278.0|
| 5- 1|si|12| Si | 209.0| 0.0| 133.0| 311.0|
-----
PROGR. 280.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -40001.3| -510.2| 1.2| 699.4| 10.3| -958.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| 865.6| 0.0| 0.0| 865.6|
| 5- 1|si| 6| Tz | 823.6| 41.4| 0.0| 826.7|
| 5- 1|si| 9| Ty | 48.8| 0.0| 208.7| 364.7|
-----

```

VERIFICA STABILITA` :

```

|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Casol2- 1 - Nodo 4 - Asse Y
Ned = -1520.9|Mzeq = -5524.4|Myeq = -250.1|Ss = -810.0 ( 0.309)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 527- 312) 1635
-----
PROGR. 0.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -39976.0| -571.2| 0.0| -252.0| -12.1| 1080.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| -838.4| 0.0| 0.0| 838.4|
| 5- 1|si| 6| Tz | 753.2| -46.0| 0.0| 757.4|
-----

```

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9|	Ty	-23.6|	0.0|	-234.6|	407.1|				

PROGR. 35.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 7- 1|	-5920.2|	-429.3|	0.0|	-241.3|	-16.5|	757.8|			
| 5- 1|	-6266.8|	-191.1|	0.0|	-252.0|	-9.6|	845.9|			
| 6- 1|	-5797.7|	131.3|	0.0|	-403.0|	0.5|	844.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 7- 1|si| 4|Sx	-179.4|	0.0|	0.0|	179.4|					
| 5- 1|si| 6| Tz	105.4|	-36.1|	0.0|	122.5|					
| 5- 1|si| 9| Ty	-20.6|	0.0|	-183.7|	318.9|					
| 6- 1|si| 10| Si	-31.5|	0.0|	-183.3|	319.0|					

PROGR. 70.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	19640.9|	112.6|	0.0|	-405.5|	0.5|	609.6|			
| 5- 1|	19238.8|	100.8|	0.0|	-252.0|	-7.1|	611.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 2|Sx Si	-413.8|	0.0|	0.0|	413.8|					
| 5- 1|si| 6| Tz	-384.9|	-26.1|	0.0|	387.6|					
| 5- 1|si| 9| Ty	-18.2|	0.0|	-132.8|	230.8|					

PROGR. 105.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	36541.0|	304.5|	0.0|	-252.0|	-4.6|	377.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx Si	-742.8|	0.0|	0.0|	742.8|					
| 5- 1|si| 6| Tz	-717.7|	-16.1|	0.0|	718.3|					
| 5- 1|si| 9| Ty	-16.6|	0.0|	-81.9|	142.8|					

PROGR. 140.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	45639.7|	420.0|	0.0|	-252.0|	-2.0|	142.8|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx Si	-927.6|	0.0|	0.0|	927.6|					
| 5- 1|si| 6| Tz	-893.0|	-6.2|	0.0|	893.1|					
| 5- 1|si| 9| Ty	-15.7|	0.0|	-31.0|	56.0|					

PROGR. 175.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	46535.0|	447.3|	0.0|	-252.0|	0.5|	-91.6|			
| 6- 1|	46736.0|	56.3|	0.0|	-413.1|	0.5|	-93.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx Si	-947.6|	0.0|	0.0|	947.6|					
| 6- 1|si| 6| Tz	-913.7|	3.9|	0.0|	913.8|					
| 6- 1|si| 9| Ty	-30.8|	0.0|	20.3|	46.7|					

PROGR. 210.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	39226.8|	386.4|	0.0|	-252.0|	3.0|	-326.0|			
| 6- 1|	39360.8|	37.5|	0.0|	-415.6|	0.5|	-327.9|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx Si	-802.9|	0.0|	0.0|	802.9|					
| 5- 1|si| 6| Tz	-771.1|	13.8|	0.0|	771.4|					
| 6- 1|si| 9| Ty	-31.1|	0.0|	71.2|	127.2|					

PROGR. 245.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	23715.1|	237.3|	0.0|	-252.0|	5.5|	-560.4|			
| 6- 1|	23782.1|	18.8|	0.0|	-418.1|	0.5|	-562.3|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx Si	-493.4|	0.0|	0.0|	493.4|					
| 5- 1|si| 6| Tz	-473.8|	23.7|	0.0|	475.6|					
| 6- 1|si| 9| Ty	-31.4|	0.0|	122.1|	213.8|					

PROGR. 280.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 12- 1|	0.0|	0.0|	0.0|	-1299.5|	-0.5|	-132.3|			
| 5- 1|	0.0|	0.0|	0.0|	-252.0|	8.0|	-794.8|			
| 6- 1|	0.0|	0.0|	0.0|	-420.6|	0.5|	-796.7|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 12- 1|si| 1|Sx	-98.2|	0.0|	0.0|	98.2|					
| 5- 1|si| 6| Tz	-19.0|	33.7|	0.0|	61.4|					
| 6- 1|si| 9| TySi	-31.8|	0.0|	173.0|	301.4|					

VERIFICA STABILITA` :									
|L0 = 280. |									
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a) = 0.2100|ki = 0.8668|									
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b) = 0.3400|ki = 0.1722|									
Caso 6- 1 - Nodo 2 - Asse Y									
Ned = -420.6|Mzeq = 35052.0|Myeq = 112.6|Ss = -862.2 (0.329)									
P_IPE120_S009 (9) stato limite ultimo - ASTA (312- 579) 1636									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	-8.9|	-1469.8|	-0.5|	795.3|			
| 5- 1|	0.0|	0.0|	-9.3|	-1266.9|	-8.1|	793.9|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 1|Sx	|	-111.1|	0.0|	0.0|	111.1|			
| 5- 1|si| 6| Tz	|	-95.7|	-38.2|	0.0|	116.4|			
| 6- 1|si| 9| TySi	|	-111.1|	0.0|	-175.7|	324.0|			
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	23684.0|	240.9|	-9.3|	-1266.9|	-5.6|	559.5|	|	
| 6- 1|	23732.5|	18.0|	-8.9|	-1472.3|	-0.5|	560.9|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 5- 1|si| 2|Sx	Si	-569.9|	0.0|	0.0|	569.9|		|	
| 5- 1|si| 6| Tz		-550.0|	-28.2|	0.0|	552.2|		|	
| 6- 1|si| 9| Ty		-111.1|	0.0|	-124.8|	243.1|		|	
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	39164.4|	393.6|	-9.3|	-1266.9|	-3.1|	325.1|	|	
| 6- 1|	39261.5|	36.1|	-8.9|	-1474.8|	-0.5|	326.5|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 5- 1|si| 2|Sx	Si	-879.2|	0.0|	0.0|	879.2|		|	
| 5- 1|si| 6| Tz		-846.8|	-18.3|	0.0|	847.4|		|	
| 6- 1|si| 9| Ty		-111.1|	0.0|	-73.9|	169.6|		|	
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	46441.5|	458.1|	-9.3|	-1266.9|	-0.6|	90.7|	|	
| 6- 1|	46587.1|	54.1|	-8.9|	-1477.4|	-0.5|	92.1|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 5- 1|si| 2|Sx	Si	-1023.8|	0.0|	0.0|	1023.8|		|	
| 5- 1|si| 6| Tz		-986.1|	-8.3|	0.0|	986.2|		|	
| 6- 1|si| 9| Ty		-111.2|	0.0|	-23.0|	118.1|		|	
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	45515.0|	434.4|	-9.3|	-1266.9|	1.9|	-143.7|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 5- 1|si| 2|Sx	Si	-1003.6|	0.0|	0.0|	1003.6|		|	
| 5- 1|si| 6| Tz		-967.8|	10.7|	0.0|	968.0|		|	
| 5- 1|si| 9| Ty		-92.3|	0.0|	34.3|	109.8|		|	
-----							PROGR.	175.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	36385.1|	322.5|	-9.3|	-1266.9|	4.5|	-378.0|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 5- 1|si| 2|Sx	Si	-818.6|	0.0|	0.0|	818.6|		|	
| 5- 1|si| 6| Tz		-792.1|	20.6|	0.0|	792.9|		|	
| 5- 1|si| 9| Ty		-93.2|	0.0|	85.2|	174.6|		|	
-----							PROGR.	210.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 6- 1|	19343.0|	108.2|	-8.9|	-1484.9|	-0.5|	-611.0|	|	
| 5- 1|	19051.8|	122.4|	-9.3|	-1266.9|	7.0|	-612.4|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 6- 1|si| 2|Sx	Si	-489.2|	0.0|	0.0|	489.2|		|	
| 5- 1|si| 6| Tz		-458.8|	30.6|	0.0|	461.8|		|	
| 5- 1|si| 9| Ty		-94.8|	0.0|	136.1|	254.1|		|	
-----							PROGR.	245.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 6- 1|	-6145.3|	126.2|	-8.9|	-1487.4|	-0.5|	-845.4|	|	
| 5- 1|	-6485.0|	-165.9|	-9.3|	-1266.9|	9.5|	-846.8|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 6- 1|si| 3|Sx		-242.8|	0.0|	0.0|	242.8|		|	
| 5- 1|si| 6| Tz		32.0|	40.6|	0.0|	77.2|		|	
| 5- 1|si| 9| Ty		-97.0|	0.0|	187.0|	338.2|		|	
| 6- 1|si|10| Si		-113.4|	0.0|	186.6|	342.6|		|	
-----							PROGR.	280.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	-40225.3|	-542.4|	-9.3|	-1266.9|	12.0|	-1081.2|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 5- 1|si| 4|Sx	Si	-916.4|	0.0|	0.0|	916.4|		|	
| 5- 1|si| 6| Tz		680.3|	50.6|	0.0|	685.9|		|	
| 5- 1|si| 9| Ty		-100.0|	0.0|	238.0|	424.1|		|	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1|	-40248.7|	-567.6|	-1.1|	1393.4|	-10.7|	949.9|	|	
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			|	
| 5- 1|si| 2|Sx	Si	929.3|	0.0|	0.0|	929.3|		|	
| 5- 1|si| 6| Tz		882.6|	-41.0|	0.0|	885.4|		|	

VERIFICA STABILITA` :

|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -1490.0|Mzeq = 34940.3|Myeq = 108.2|Ss = -1339.9 (0.512)

P_IPE120_S009 (9) stato limite ultimo - ASTA (579- 580) 1637

PROGR. 0.

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9|	Ty	100.8|	0.0|	-206.7|	371.9|		
----- PROGR. 35.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-11105.6|	-235.7|	-1.1|	1393.4|	-8.2|	715.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	341.8|	0.0|	0.0|	341.8|			
| 5- 1|si| 6| Tz	322.4|	-31.1|	0.0|	326.8|			
| 5- 1|si| 9| Ty	103.4|	0.0|	-155.8|	288.9|			
| 5- 1|si|12| Si	270.0|	0.0|	-131.3|	353.0|			
----- PROGR. 70.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	9834.1|	7.9|	-1.1|	1393.4|	-5.7|	481.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	291.5|	0.0|	0.0|	291.5|			
| 5- 1|si| 6| Tz	-80.3|	-21.1|	0.0|	88.2|			
| 5- 1|si| 9| Ty	105.3|	0.0|	-104.9|	210.0|			
| 5- 1|si| 7| Si	290.8|	-21.1|	0.0|	293.1|			
----- PROGR. 105.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	22570.3|	163.3|	-1.1|	1393.4|	-3.2|	246.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	549.5|	0.0|	0.0|	549.5|			
| 5- 1|si| 6| Tz	-325.5|	-11.1|	0.0|	326.0|			
| 5- 1|si| 9| Ty	106.6|	0.0|	-54.0|	141.7|			
----- PROGR. 140.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	27103.0|	230.5|	-1.1|	1393.4|	-0.7|	12.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	642.6|	0.0|	0.0|	642.6|			
| 5- 1|si| 6| Tz	-413.1|	-1.2|	0.0|	413.1|			
| 5- 1|si| 9| Ty	107.1|	0.0|	-3.1|	107.2|			
----- PROGR. 175.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	23432.3|	209.6|	-1.1|	1393.4|	1.9|	-222.1|	
| 6- 1|	23490.5|	12.5|	-1.3|	1272.2|	-0.5|	-223.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	571.1|	0.0|	0.0|	571.1|			
| 5- 1|si| 6| Tz	-343.2|	9.9|	0.0|	343.7|			
| 6- 1|si| 9| Ty	96.2|	0.0|	49.1|	128.4|			
----- PROGR. 210.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	11558.1|	100.4|	-1.1|	1393.4|	4.4|	-456.5|	
| 6- 1|	11550.9|	29.2|	-1.3|	1269.7|	-0.5|	-458.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	334.7|	0.0|	0.0|	334.7|			
| 5- 1|si| 6| Tz	-115.9|	19.9|	0.0|	120.9|			
| 6- 1|si| 9| Ty	96.2|	0.0|	100.0|	198.1|			
----- PROGR. 245.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-8519.5|	-97.0|	-1.1|	1393.4|	6.9|	-690.8|	
| 6- 1|	-8592.1|	45.9|	-1.3|	1267.2|	-0.5|	-692.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	277.0|	0.0|	0.0|	277.0|			
| 5- 1|si| 6| Tz	269.0|	29.8|	0.0|	274.0|			
| 6- 1|si| 9| Ty	96.1|	0.0|	150.9|	278.4|			
| 5- 1|si|12| Si	231.0|	0.0|	126.8|	318.7|			
----- PROGR. 280.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-36800.6|	-382.6|	-1.1|	1393.4|	9.4|	-925.2|	
| 6- 1|	-36938.6|	62.6|	-1.3|	1264.7|	-0.5|	-927.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	843.0|	0.0|	0.0|	843.0|			
| 5- 1|si| 6| Tz	811.4|	39.8|	0.0|	814.4|			
| 6- 1|si| 9| Ty	96.0|	0.0|	201.8|	362.4|			

VERIFICA STABILITA` :							
|L0 =	280. |						
Z |Lc =	280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|						
Y |Lc =	280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|						
Caso12- 1 - Nodo 4 - Asse Y							
Ned =	-255.7|Mzeq = -4490.8|Myeq = -284.8|Ss = -231.2 (0.088)						
P_IPE120_S009 (9)	stato limite ultimo - ASTA (580- 581)	1638					
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-36801.5|	-428.9|	0.7|	8.1|	-9.7|	928.8|	
| 6- 1|	-36940.6|	32.1|	0.6|	-195.5|	0.3|	931.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	743.7|	0.0|	0.0|	743.7|			
| 5- 1|si| 6| Tz	708.3|	-39.8|	0.0|	711.7|			

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	-14.5|	0.0|	-202.4|	350.9|			

PROGR. 35.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	-8446.3|	22.9|	0.6|	-198.0|	0.3|	696.9|		
| 5- 1|	-8394.5|	-132.0|	0.7|	8.1|	-7.2|	694.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	-176.8|	0.0|	0.0|	176.8|				
| 5- 1|si| 6|	Tz	163.2|	-29.8|	0.0|	171.2|			
| 6- 1|si| 9|	Ty	-14.8|	0.0|	-151.5|	262.9|			
| 6- 1|si|10|	Si	-15.1|	0.0|	-151.5|	262.9|			

PROGR. 70.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	11844.4|	13.6|	0.6|	-200.5|	0.3|	462.5|		
| 5- 1|	11809.0|	76.8|	0.7|	8.1|	-4.7|	460.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 2|Sx	-239.9|	0.0|	0.0|	239.9|				
| 5- 1|si| 6|	Tz	-224.5|	-19.9|	0.0|	227.1|			
| 6- 1|si| 9|	Ty	-15.0|	0.0|	-100.6|	175.0|			
| 6- 1|si| 6|	Si	-238.8|	-19.1|	0.0|	241.1|			

PROGR. 105.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	23809.1|	197.3|	0.7|	8.1|	-2.2|	225.7|		
| 6- 1|	23931.7|	4.3|	0.6|	-203.0|	0.3|	228.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	472.1|	0.0|	0.0|	472.1|				
| 5- 1|si| 6|	Tz	-454.6|	-9.9|	0.0|	454.9|			
| 6- 1|si| 9|	Ty	-15.3|	0.0|	-49.7|	87.5|			

PROGR. 140.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	27605.6|	229.7|	0.7|	8.1|	0.3|	-8.7|		
| 11- 1|	4361.0|	-0.4|	0.4|	70.4|	-1.8|	-8.4|		
| 7- 1|	24614.3|	386.6|	0.7|	113.4|	0.2|	-10.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	547.4|	0.0|	0.0|	547.4|				
| 11- 1|si| 5|	Tz	-76.9|	-0.8|	0.0|	76.9|			
| 7- 1|si| 9|	Ty	11.6|	0.0|	2.4|	12.4|			

PROGR. 175.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	23496.0|	-14.3|	0.6|	-208.1|	0.3|	-240.6|		
| 5- 1|	23198.8|	173.8|	0.7|	8.1|	2.9|	-243.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	-460.1|	0.0|	0.0|	460.1|				
| 5- 1|si| 6|	Tz	-442.3|	10.7|	0.0|	442.7|			
| 5- 1|si| 9|	Ty	2.0|	0.0|	53.0|	91.9|			

PROGR. 210.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	10972.9|	-23.5|	0.6|	-210.6|	0.3|	-475.0|		
| 5- 1|	10588.4|	29.8|	0.7|	8.1|	5.4|	-477.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx	-225.4|	0.0|	0.0|	225.4|				
| 5- 1|si| 6|	Tz	-199.9|	20.7|	0.0|	203.1|			
| 5- 1|si| 9|	Ty	0.8|	0.0|	103.9|	180.0|			
| 6- 1|si|11|	Si	-177.0|	0.0|	87.1|	232.6|			

PROGR. 245.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 1|	-9448.7|	-297.2|	0.7|	113.4|	12.8|	-638.8|		
| 5- 1|	-10225.4|	-202.5|	0.7|	8.1|	7.9|	-711.9|		
| 6- 1|	-9753.7|	-32.8|	0.6|	-213.1|	0.3|	-709.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 7- 1|si| 2|Sx	221.0|	0.0|	0.0|	221.0|				
| 5- 1|si| 6|	Tz	200.0|	30.6|	0.0|	206.9|			
| 5- 1|si| 9|	Ty	-1.0|	0.0|	154.8|	268.2|			
| 6- 1|si|13|	Si	-159.4|	0.0|	130.0|	275.8|			

PROGR. 280.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-39242.6|	-522.9|	0.7|	8.1|	10.4|	-946.3|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	800.5|	0.0|	0.0|	800.5|				
| 5- 1|si| 6|	Tz	757.5|	40.6|	0.0|	760.7|			
| 5- 1|si| 9|	Ty	-3.5|	0.0|	205.7|	356.4|			

VERIFICA STABILITA' :								
|L0 =	280. |							
Z |Lc =	280. |Ro =	4.90|lm =	57.1|Ncr=	84177.2|	alfa(a) =	0.2100|ki =	0.8668|	
Y |Lc =	280. |Ro =	1.45|lm =	193.6|Ncr=	7316.3|	alfa(b) =	0.3400|ki =	0.1722|	
Caso 6- 1 -	Nodo	4 -	Asse	Y				
Ned =	-215.6|	Mzeq =	-29012.8|	Myeq =	-31.6|	Ss =	-646.5 (	0.247)
P_IPE120_S009 (	9)	stato limite ultimo	-	ASTA (	581-	330)	1639	

PROGR. 0.								
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		

Copertura area carburante - Relazione di calcolo

```

| 5- 1| -39220.5| -568.4| 0.0| -795.0| -12.1| 1077.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -864.8| 0.0| 0.0| 864.8|
| 5- 1|si| 6| Tz | -45.9| 0.0| 702.4|
| 5- 1|si| 9| Ty | -64.6| 0.0| -234.0| 410.5|
-----
PROGR. 35.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -5348.0| -410.0| 0.0| -645.7| -16.4| 755.5|
| 5- 1| -5605.8| -188.6| 0.0| -795.0| -9.6| 843.2|
| 6- 1| -5113.9| 113.6| 0.0| -940.5| 0.5| 841.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 4|Sx |Si| -197.0| 0.0| 0.0| 197.0|
| 5- 1|si| 6| Tz | 51.8| -36.0| 0.0| 81.0|
| 5- 1|si| 9| Ty | -61.6| 0.0| -183.1| 323.1|
| 6- 1|si|10| Si| -72.0| 0.0| -182.7| 324.5|
-----
PROGR. 70.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 20227.1| 97.3| 0.0| -943.0| 0.5| 606.8|
| 5- 1| 19805.4| 102.9| 0.0| -795.0| -7.1| 608.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx |Si| -463.6| 0.0| 0.0| 463.6|
| 5- 1|si| 6| Tz | -436.7| -26.0| 0.0| 439.0|
| 5- 1|si| 9| Ty | -59.2| 0.0| -132.2| 236.6|
-----
PROGR. 105.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 37013.2| 306.3| 0.0| -795.0| -4.5| 374.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -792.9| 0.0| 0.0| 792.9|
| 5- 1|si| 6| Tz | -767.7| -16.0| 0.0| 768.2|
| 5- 1|si| 9| Ty | -57.6| 0.0| -81.3| 152.2|
-----
PROGR. 140.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46017.5| 421.4| 0.0| -795.0| -2.0| 140.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -975.9| 0.0| 0.0| 975.9|
| 5- 1|si| 6| Tz | -941.2| -6.0| 0.0| 941.3|
| 5- 1|si| 9| Ty | -56.7| 0.0| -30.4| 77.4|
-----
PROGR. 175.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46818.3| 448.4| 0.0| -795.0| 0.5| -94.3|
| 6- 1| 47029.1| 48.7| 0.0| -950.5| 0.5| -96.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -994.1| 0.0| 0.0| 994.1|
| 6- 1|si| 6| Tz | -959.6| 4.0| 0.0| 959.6|
| 6- 1|si| 9| Ty | -71.4| 0.0| 20.9| 80.1|
-----
PROGR. 210.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 39415.7| 387.1| 0.0| -795.0| 3.0| -328.7|
| 6- 1| 39556.2| 32.4| 0.0| -953.1| 0.5| -330.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -847.6| 0.0| 0.0| 847.6|
| 5- 1|si| 6| Tz | -815.7| 13.9| 0.0| 816.0|
| 6- 1|si| 9| Ty | -71.7| 0.0| 71.8| 143.6|
-----
PROGR. 245.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 23809.6| 237.7| 0.0| -795.0| 5.5| -563.1|
| 6- 1| 23879.8| 16.2| 0.0| -955.6| 0.5| -565.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -536.2| 0.0| 0.0| 536.2|
| 5- 1|si| 6| Tz | -516.6| 23.9| 0.0| 518.3|
| 6- 1|si| 9| Ty | -72.1| 0.0| 122.7| 224.4|
-----
PROGR. 280.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -958.1| 0.5| -799.5|
| 5- 1| 0.0| 0.0| 0.0| -795.0| 8.1| -797.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 1|Sx |Si| -72.4| 0.0| 0.0| 72.4|
| 5- 1|si| 6| Tz | -60.1| 33.8| 0.0| 83.9|
| 6- 1|si| 9| TySi| -72.4| 0.0| 173.6| 309.3|
-----
VERIFICA STABILITA' :
|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 2 - Asse Y
Ned = -958.1|Mzeq = 35271.8|Myeq = 97.3|Ss = -1105.7 ( 0.422)
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 330- 630) 1640
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

6- 1	0.0	0.0	-9.1	-2085.3	-0.5	825.5
5- 1	0.0	0.0	-9.4	-1950.4	-8.3	824.7

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 1|Sx |	-157.6|	0.0|	0.0|	157.6|
| 5- 1|si| 6| Tz |	-147.4|	-39.5|	0.0|	162.5|
| 6- 1|si| 9| TySi|	-157.6|	0.0|	-182.3|	352.9|

PROGR. 36.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	25496.7|	253.1|	-9.4|	-1950.4|	-5.7|	582.0|
| 6- 1|	25525.4|	17.0|	-9.1|	-2087.9|	-0.5|	582.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx Si|	-657.1|	0.0|	0.0|	657.1|
| 5- 1|si| 6| Tz |	-636.2|	-29.2|	0.0|	638.2|
| 6- 1|si| 9| Ty |	-157.6|	0.0|	-129.6|	274.3|

PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	42193.5|	411.7|	-9.4|	-1950.4|	-3.1|	339.2|
| 6- 1|	42250.8|	34.1|	-9.1|	-2090.6|	-0.5|	340.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx Si|	-990.0|	0.0|	0.0|	990.0|
| 5- 1|si| 6| Tz |	-956.1|	-18.9|	0.0|	956.7|
| 6- 1|si| 9| Ty |	-157.7|	0.0|	-76.9|	206.4|

PROGR. 109.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	50090.4|	475.6|	-9.4|	-1950.4|	-0.5|	96.5|
| 6- 1|	50176.4|	51.1|	-9.1|	-2093.2|	-0.5|	97.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx Si|	-1146.2|	0.0|	0.0|	1146.2|
| 5- 1|si| 6| Tz |	-1107.0|	-8.6|	0.0|	1107.1|
| 6- 1|si| 9| Ty |	-157.7|	0.0|	-24.2|	163.2|

PROGR. 145.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	49187.4|	444.9|	-9.4|	-1950.4|	2.2|	-146.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx Si|	-1125.7|	0.0|	0.0|	1125.7|
| 5- 1|si| 6| Tz |	-1089.0|	10.9|	0.0|	1089.2|
| 5- 1|si| 9| Ty |	-143.8|	0.0|	34.9|	156.0|

PROGR. 181.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	39484.5|	319.6|	-9.4|	-1950.4|	4.8|	-389.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 2|Sx Si|	-928.3|	0.0|	0.0|	928.3|
| 5- 1|si| 6| Tz |	-902.0|	21.2|	0.0|	902.8|
| 5- 1|si| 9| Ty |	-144.8|	0.0|	87.7|	209.8|

PROGR. 218.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	21153.8|	102.3|	-9.1|	-2101.0|	-0.5|	-631.0|
| 5- 1|	20981.7|	99.6|	-9.4|	-1950.4|	7.4|	-631.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 2|Sx Si|	-569.2|	0.0|	0.0|	569.2|
| 5- 1|si| 6| Tz |	-546.0|	31.5|	0.0|	548.8|
| 5- 1|si| 9| Ty |	-146.6|	0.0|	140.4|	283.9|

PROGR. 254.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-6320.9|	-214.9|	-9.4|	-1950.4|	10.0|	-874.6|
| 6- 1|	-6120.1|	119.3|	-9.1|	-2103.6|	-0.5|	-873.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	-291.3|	0.0|	0.0|	291.3|
| 5- 1|si| 6| Tz |	-21.1|	41.9|	0.0|	75.5|
| 5- 1|si| 9| Ty |	-149.1|	0.0|	193.1|	366.2|
| 6- 1|si|14| Si|	-249.6|	0.0|	162.9|	376.7|

PROGR. 290.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-42423.5|	-624.0|	-9.4|	-1950.4|	12.6|	-1117.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	-1018.9|	0.0|	0.0|	1018.9|
| 5- 1|si| 6| Tz |	672.8|	52.2|	0.0|	678.8|
| 5- 1|si| 9| Ty |	-152.3|	0.0|	245.8|	452.2|

VERIFICA STABILITA` :

|L0 = 290.0|
 Z |Lc = 290.0|Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
 Y |Lc = 290.0|Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -2106.2|Mzeq = 37632.3|Myeq = 102.3|Ss = -1731.2 (0.661)

P_IPE120_S009 (9) stato limite ultimo - ASTA (630- 631) 1641
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
5- 1	-42453.1	-552.1	-0.6	902.2	-10.7	963.8

Copertura area carburante - Relazione di calcolo

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| 6- 1| -42227.7| -61.0| -0.8| 943.7| -0.4| 965.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 932.0| 0.0| 0.0| 932.0|
| 5- 1|si| 6| Tz | 886.5| -41.3| 0.0| 889.4|
| 6- 1|si| 9| Ty | 70.8| 0.0| -209.8| 370.3|
-----
PROGR. 36.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -11914.3| -209.8| -0.6| 902.2| -8.1| 721.1|
| 6- 1| -11647.4| -46.2| -0.8| 941.1| -0.4| 722.2|

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 316.9| 0.0| 0.0| 316.9|
| 5- 1|si| 6| Tz | 299.6| -31.0| 0.0| 304.4|
| 6- 1|si| 9| Ty | 70.7| 0.0| -157.1| 281.2|
| 5- 1|si|12| Si | 244.6| 0.0| -132.1| 334.9|
-----
PROGR. 72.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 10133.1| -31.4| -0.8| 938.5| -0.4| 479.5|
| 5- 1| 9824.5| 37.9| -0.6| 902.2| -5.5| 478.3|

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | 265.5| 0.0| 0.0| 265.5|
| 5- 1|si| 6| Tz | -118.2| -20.7| 0.0| 123.5|
| 6- 1|si| 9| Ty | 70.7| 0.0| -104.4| 194.1|
| 6- 1|si|14| Si | 219.8| 0.0| -88.0| 267.4|
-----
PROGR. 109.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22763.5| 191.0| -0.6| 902.2| -2.9| 235.6|
| 6- 1| 23113.6| -16.5| -0.8| 935.9| -0.4| 236.7|

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```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 519.2| 0.0| 0.0| 519.2|
| 5- 1|si| 6| Tz | -367.1| -10.4| 0.0| 367.6|
| 6- 1|si| 9| Ty | 70.6| 0.0| -51.7| 114.0|
-----
PROGR. 145.

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SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 26902.6| 249.4| -0.6| 902.2| -0.3| -7.2|
| 11-16| 5946.7| -0.5| -0.7| 227.6| 1.9| 6.3|
| 7- 1| 23922.9| 416.9| -0.4| 764.2| -0.3| -8.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 603.9| 0.0| 0.0| 603.9|
| 11-16|si| 5| Tz | -94.9| 0.9| 0.0| 94.9|
| 7- 1|si| 9| Ty | 61.1| 0.0| 1.9| 61.1|
-----
PROGR. 181.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22241.7| 213.2| -0.6| 902.2| 2.3| -250.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 511.9| 0.0| 0.0| 511.9|
| 5- 1|si| 6| Tz | -358.0| 10.8| 0.0| 358.5|
| 5- 1|si| 9| Ty | 69.9| 0.0| 54.5| 117.4|
-----
PROGR. 218.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 9255.9| 27.9| -0.8| 928.1| -0.4| -491.6|
| 5- 1| 8781.0| 82.5| -0.6| 902.2| 4.9| -492.7|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si | 247.8| 0.0| 0.0| 247.8|
| 5- 1|si| 6| Tz | -100.0| 21.2| 0.0| 106.5|
| 5- 1|si| 9| Ty | 68.8| 0.0| 107.2| 198.0|
| 6- 1|si|13| Si | 206.1| 0.0| 90.2| 258.6|
-----
PROGR. 254.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -13479.6| -142.9| -0.6| 902.2| 7.5| -735.5|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 338.7| 0.0| 0.0| 338.7|
| 5- 1|si| 6| Tz | 326.9| 31.5| 0.0| 331.4|
| 5- 1|si| 9| Ty | 67.0| 0.0| 159.9| 285.0|
| 5- 1|si|12| Si | 267.0| 0.0| 134.7| 354.6|
-----
PROGR. 290.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -44540.1| -462.9| -0.6| 902.2| 10.1| -978.2|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 961.0| 0.0| 0.0| 961.0|
| 5- 1|si| 6| Tz | 922.8| 41.8| 0.0| 925.7|
| 5- 1|si| 9| Ty | 64.5| 0.0| 212.6| 373.9|

```

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 631- 348) 1642
-----
PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -44513.0| -657.3| 0.0| -1.4| -12.7| 1124.5|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx | Si | -914.9| 0.0| 0.0| 914.9|

```


Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6| Tz	|	860.5|	-47.9|	0.0|	864.5|		
| 5- 1|si| 9| Ty	|	-5.3|	0.0|	-244.2|	423.0|		
-----							36.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	-7607.9|	-476.3|	0.0|	-21.6|	-17.1|	789.8|	
| 5- 1|	-8149.3|	-244.0|	0.0|	-1.4|	-10.1|	881.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|si| 4|Sx	-200.1|	0.0|	0.0|	200.1|			
| 5- 1|si| 6| Tz	161.6|	-37.6|	0.0|	174.2|			
| 5- 1|si| 9| TySi	-2.0|	0.0|	-191.5|	331.7|			
-----							72.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	19835.5|	69.3|	0.0|	12.7|	0.3|	637.1|	
| 5- 1|	19414.6|	74.7|	0.0|	-1.4|	-7.5|	639.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	382.7|	0.0|	0.0|	382.7|			
| 5- 1|si| 6| Tz	-368.4|	-27.3|	0.0|	371.4|			
| 5- 1|si| 9| Ty	0.5|	0.0|	-138.8|	240.4|			
-----							109.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	38178.5|	298.8|	0.0|	-1.4|	-4.9|	396.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	-754.1|	0.0|	0.0|	754.1|			
| 5- 1|si| 6| Tz	-729.5|	-17.0|	0.0|	730.0|			
| 5- 1|si| 9| Ty	2.3|	0.0|	-86.1|	149.1|			
-----							145.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	48142.6|	428.3|	0.0|	-1.4|	-2.3|	153.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	-956.8|	0.0|	0.0|	956.8|			
| 5- 1|si| 6| Tz	-921.5|	-6.6|	0.0|	921.6|			
| 5- 1|si| 9| Ty	3.3|	0.0|	-33.3|	57.8|			
-----							181.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	49306.8|	463.1|	0.0|	-1.4|	0.3|	-89.3|	
| 6- 1|	49517.2|	34.7|	0.0|	4.9|	0.3|	-91.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	-982.8|	0.0|	0.0|	982.8|			
| 6- 1|si| 6| Tz	-933.9|	3.8|	0.0|	933.9|			
| 6- 1|si| 9| Ty	0.6|	0.0|	19.8|	34.3|			
-----							218.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	41671.1|	403.4|	0.0|	-1.4|	3.0|	-332.0|	
| 6- 1|	41811.4|	23.1|	0.0|	2.3|	0.3|	-334.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	-832.0|	0.0|	0.0|	832.0|			
| 5- 1|si| 6| Tz	-798.7|	14.0|	0.0|	799.1|			
| 6- 1|si| 9| Ty	0.4|	0.0|	72.5|	125.6|			
-----							254.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	25235.5|	249.0|	0.0|	-1.4|	5.6|	-574.8|	
| 6- 1|	25305.6|	11.6|	0.0|	-0.4|	0.3|	-576.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	-504.4|	0.0|	0.0|	504.4|			
| 5- 1|si| 6| Tz	-483.9|	24.3|	0.0|	485.7|			
| 6- 1|si| 9| Ty	0.1|	0.0|	125.2|	216.9|			
-----							290.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11- 1|	0.0|	0.0|	0.0|	373.6|	-0.4|	-133.4|	
| 5- 1|	0.0|	0.0|	0.0|	-1.4|	8.2|	-817.5|	
| 6- 1|	0.0|	0.0|	0.0|	-3.0|	0.3|	-819.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11- 1|si| 2|Sx	28.2|	0.0|	0.0|	28.2|			
| 5- 1|si| 6| Tz	-0.1|	34.7|	0.0|	60.0|			
| 6- 1|si| 9| TySi	-0.2|	0.0|	178.0|	308.3|			

VERIFICA STABILITA` :							
|L0 =	290. |						
Z |Lc =	290. |Ro =	4.90|lm =	59.1|Ncr=	78472.0|alfa(a)=	0.2100|ki=	0.8565|	
Y |Lc =	290. |Ro =	1.45|lm =	200.6|Ncr=	6820.4|alfa(b)=	0.3400|ki=	0.1615|	
Caso 5- 1 -	Nodo 1 -	Asse Y					
Ned =	-1.4|Mzeq =	36980.1|Myeq =	-493.0|Ss =	-754.5	(0.288)		
P_IPE120_S009 (9)		stato limite ultimo	-	ASTA (348-	666)	1643	
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	0.0|	0.0|	-10.7|	-1684.7|	-0.4|	958.8|	
| 5- 1|	0.0|	0.0|	-10.9|	-1647.9|	-9.6|	958.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	-127.3|	0.0|	0.0|	127.3|			

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6|	Tz	|	-124.5|	-45.9|	0.0|	147.7|						
| 6- 1|si| 9|	TySi	|	-127.3|	0.0|	-211.8|	388.3|						
-----							PROGR.	42.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	34672.3|		342.8|		-10.9|		-1647.9|		-6.5|		673.5|	
| 6- 1|	34699.5|		17.7|		-10.7|		-1687.8|		-0.4|		674.2|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 2|Sx	Si	|	-817.5|		0.0|		0.0|		817.5|			
| 5- 1|si| 6|	Tz	|	-789.2|		-33.8|		0.0|		791.4|			
| 6- 1|si| 9|	Ty	|	-127.4|		0.0|		-150.0|		289.4|			
-----											PROGR.	85.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	57248.7|		555.5|		-10.9|		-1647.9|		-3.5|		388.9|	
| 6- 1|	57303.1|		35.4|		-10.7|		-1690.9|		-0.4|		389.5|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 2|Sx	Si	|	-1267.5|		0.0|		0.0|		1267.5|			
| 5- 1|si| 6|	Tz	|	-1221.7|		-21.7|		0.0|		1222.3|			
| 6- 1|si| 9|	Ty	|	-127.5|		0.0|		-88.2|		199.0|			
-----											PROGR.	128.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	67729.2|		638.1|		-10.9|		-1647.9|		-0.4|		104.3|	
| 6- 1|	67810.7|		53.2|		-10.7|		-1693.9|		-0.4|		104.9|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 2|Sx	Si	|	-1474.5|		0.0|		0.0|		1474.5|			
| 5- 1|si| 6|	Tz	|	-1422.0|		-9.6|		0.0|		1422.1|			
| 6- 1|si| 9|	Ty	|	-127.6|		0.0|		-26.4|		135.5|			
-----											PROGR.	170.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	66113.7|		590.7|		-10.9|		-1647.9|		2.6|		-180.3|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 2|Sx	Si	|	-1438.6|		0.0|		0.0|		1438.6|			
| 5- 1|si| 6|	Tz	|	-1390.0|		13.1|		0.0|		1390.1|			
| 5- 1|si| 9|	Ty	|	-119.8|		0.0|		42.9|		140.9|			
-----											PROGR.	212.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	52402.3|		413.3|		-10.9|		-1647.9|		5.7|		-464.9|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 2|Sx	Si	|	-1159.7|		0.0|		0.0|		1159.7|			
| 5- 1|si| 6|	Tz	|	-1125.7|		25.2|		0.0|		1126.5|			
| 5- 1|si| 9|	Ty	|	-121.2|		0.0|		104.7|		218.1|			
-----											PROGR.	255.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	26758.1|		106.3|		-10.7|		-1703.1|		-0.4|		-748.9|	
| 5- 1|	26595.0|		105.8|		-10.9|		-1647.9|		8.8|		-749.5|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 6- 1|si| 2|Sx	Si	|	-645.2|		0.0|		0.0|		645.2|			
| 5- 1|si| 6|	Tz	|	-629.2|		37.3|		0.0|		632.5|			
| 5- 1|si| 9|	Ty	|	-123.7|		0.0|		166.5|		313.7|			
-----											PROGR.	298.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	-11308.2|		-331.8|		-10.9|		-1647.9|		11.8|		-1034.1|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 4|Sx	Si	|	-375.9|		0.0|		0.0|		375.9|			
| 5- 1|si| 6|	Tz	|	99.6|		49.4|		0.0|		131.3|			
| 5- 1|si| 9|	Ty	|	-127.1|		0.0|		228.3|		415.3|			
| 5- 1|si|13|	Si	|	-293.0|		0.0|		192.9|		444.3|			
-----											PROGR.	340.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	-61307.3|		-899.3|		-10.9|		-1647.9|		14.9|		-1318.8|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 4|Sx	Si	|	-1383.7|		0.0|		0.0|		1383.7|			
| 5- 1|si| 6|	Tz	|	1060.6|		61.5|		0.0|		1066.0|			
| 5- 1|si| 9|	Ty	|	-131.7|		0.0|		290.1|		519.4|			
-----											PROGR.	0.
VERIFICA STABILITA' :												
|L0 =	340.|											
Z |Lc =	340.|Ro =	4.90|lm =	69.3|Ncr=	57089.0|alfa(a)=	0.2100|ki=	0.7966|						
Y |Lc =	340.|Ro =	1.45|lm =	235.1|Ncr=	4961.9|alfa(b)=	0.3400|ki=	0.1204|						
Caso 5- 1 -	Nodo 1 -	Asse Y										
Ned =	-1647.9|Mzeq =	50796.9|Myeq =	-674.5|Ss =	-2136.4 (0.816)								
P_IPE120_S009 (9)	stato limite ultimo	- ASTA (666- 667)	1644									
-----											PROGR.	0.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	-61341.3|		-739.8|		-0.3|		1390.9|		-12.5|		1125.8|	
| 6- 1|	-61127.5|		-65.4|		-0.5|		1425.5|		-0.4|		1126.3|	
TENSIONI (Sz= 0.00) :												
| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|				
| 5- 1|si| 2|Sx	Si	|	1346.5|		0.0|		0.0|		1346.5|			
| 5- 1|si| 6|	Tz	|	1285.6|		-48.1|		0.0|		1288.3|			
| 6- 1|si| 9|	Ty	|	107.2|		0.0|		-244.8|		437.3|			

Copertura area carburante - Relazione di calcolo

-----								PROGR.	42.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	-19541.0 |	-274.2 |	-0.3 |	1390.9 |	-9.4 |	841.2 |			
| 6- 1 |	-19308.4 |	-49.8 |	-0.5 |	1422.4 |	-0.4 |	841.7 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 2 |Sx Si |	505.0 |	0.0 |	0.0 |	505.0 |				
| 5- 1 |	|si| 6 | Tz |	482.4 |	-36.0 |	0.0 |	486.4 |				
| 6- 1 |	|si| 9 | Ty |	107.1 |	0.0 |	-182.9 |	334.5 |				
-----								PROGR.	85.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1 |	10414.8 |	-34.2 |	-0.5 |	1419.4 |	-0.4 |	557.1 |			
| 5- 1 |	10163.4 |	61.4 |	-0.3 |	1390.9 |	-6.4 |	556.6 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1 |	|si| 3 |Sx Si |	307.4 |	0.0 |	0.0 |	307.4 |				
| 5- 1 |	|si| 6 | Tz |	-88.5 |	-23.9 |	0.0 |	97.7 |				
| 6- 1 |	|si| 9 | Ty |	107.0 |	0.0 |	-121.1 |	235.5 |				
| 6- 1 |	|si| 14 | Si |	260.3 |	0.0 |	-102.1 |	314.6 |				
-----								PROGR.	128.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	27771.9 |	266.9 |	-0.3 |	1390.9 |	-3.3 |	272.0 |			
| 6- 1 |	28042.1 |	-18.6 |	-0.5 |	1416.3 |	-0.4 |	272.5 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 4 |Sx Si |	659.3 |	0.0 |	0.0 |	659.3 |				
| 5- 1 |	|si| 6 | Tz |	-427.1 |	-11.8 |	0.0 |	427.6 |				
| 6- 1 |	|si| 9 | Ty |	106.9 |	0.0 |	-59.3 |	148.2 |				
-----								PROGR.	170.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	33284.4 |	342.3 |	-0.3 |	1390.9 |	-0.2 |	-12.6 |			
| 6- 1 |	33573.5 |	-3.0 |	-0.5 |	1413.2 |	-0.4 |	-12.2 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 4 |Sx Si |	771.9 |	0.0 |	0.0 |	771.9 |				
| 6- 1 |	|si| 5 | Tz |	-526.0 |	-0.8 |	0.0 |	526.0 |				
| 5- 1 |	|si| 9 | Ty |	107.8 |	0.0 |	2.8 |	107.9 |				
-----								PROGR.	212.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	26701.0 |	287.7 |	-0.3 |	1390.9 |	2.8 |	-297.2 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 4 |Sx Si |	641.5 |	0.0 |	0.0 |	641.5 |				
| 5- 1 |	|si| 6 | Tz |	-407.6 |	12.7 |	0.0 |	408.2 |				
| 5- 1 |	|si| 9 | Ty |	107.4 |	0.0 |	64.6 |	155.1 |				
-----								PROGR.	255.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	8021.7 |	103.1 |	-0.3 |	1390.9 |	5.9 |	-581.8 |			
| 6- 1 |	8348.5 |	28.2 |	-0.5 |	1407.1 |	-0.4 |	-581.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 4 |Sx Si |	268.2 |	0.0 |	0.0 |	268.2 |				
| 5- 1 |	|si| 6 | Tz |	-49.5 |	24.8 |	0.0 |	65.6 |				
| 5- 1 |	|si| 9 | Ty |	105.9 |	0.0 |	126.5 |	243.3 |				
| 6- 1 |	|si| 13 | Si |	229.0 |	0.0 |	106.5 |	294.0 |				
-----								PROGR.	298.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	-22753.5 |	-211.6 |	-0.3 |	1390.9 |	8.9 |	-866.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 2 |Sx Si |	558.3 |	0.0 |	0.0 |	558.3 |				
| 5- 1 |	|si| 6 | Tz |	540.9 |	36.9 |	0.0 |	544.6 |				
| 5- 1 |	|si| 9 | Ty |	103.4 |	0.0 |	188.3 |	342.1 |				
-----								PROGR.	340.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	-65624.6 |	-656.4 |	-0.3 |	1390.9 |	12.0 |	-1151.0 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 2 |Sx Si |	1417.6 |	0.0 |	0.0 |	1417.6 |				
| 5- 1 |	|si| 6 | Tz |	1363.5 |	49.0 |	0.0 |	1366.1 |				
| 5- 1 |	|si| 9 | Ty |	99.9 |	0.0 |	250.1 |	444.5 |				

VERIFICA STABILITA' :									
|L0 = 340. |									
Z	|Lc = 340. |	Ro = 4.90 |	lm = 69.3 |	Ncr = 57089.0 |	alfa(a) = 0.2100 |	ki = 0.7966 |			
Y	|Lc = 340. |	Ro = 1.45 |	lm = 235.1 |	Ncr = 4961.9 |	alfa(b) = 0.3400 |	ki = 0.1204 |			
Cas011-16 - Nodo 3 - Asse Y									
Ned = -106.6 | Mzeq = -7333.7 | Myeq = 91.8 | Ss = -216.2 (0.083)									
P_IPE120_S009 (9) stato limite ultimo - ASTA (667- 366)								1645	
-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1 |	-65590.4 |	-926.7 |	0.0 |	401.3 |	-15.0 |	1331.4 |			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1 |	|si| 2 |Sx Si |	1373.4 |	0.0 |	0.0 |	1373.4 |				
| 5- 1 |	|si| 6 | Tz |	1297.1 |	-56.7 |	0.0 |	1300.8 |				
5- 1	si 9 Ty	23.0	0.0	-289.1	501.3				
-----								PROGR.	42.

Copertura area carburante - Relazione di calcolo

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SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |    -13686.2 |    -663.2 |      0.0 |    396.1 |    -20.1 |    936.9 |
| 5- 1 |    -15055.8 |    -355.7 |      0.0 |    401.3 |    -11.9 |   1046.7 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 2|Sx |      364.5 |      0.0 |      0.0 |    364.5 |
| 5- 1|si| 6|  Tz |      325.8 |    -44.6 |      0.0 |    334.9 |
| 5- 1|si| 9|  Ty |      27.5 |      0.0 |    -227.3 |    394.7 |
| 5- 1|si|12|  Si |    254.0 |      0.0 |   -191.5 |    417.7 |
-----
PROGR.      85.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |    23658.0 |      71.9 |      0.0 |    405.1 |      0.3 |    761.1 |
| 5- 1 |    23382.8 |     85.3 |      0.0 |    401.3 |     -8.8 |    762.1 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx |      484.7 |      0.0 |      0.0 |    484.7 |
| 5- 1|si| 6|  Tz |    -413.1 |    -32.5 |      0.0 |    416.9 |
| 5- 1|si| 9|  Ty |      31.0 |      0.0 |   -165.5 |    288.4 |
-----
PROGR.      128.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    49725.4 |    396.2 |      0.0 |    401.3 |     -5.8 |    477.5 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx |      1013.1 |      0.0 |      0.0 |    1013.1 |
| 5- 1|si| 6|  Tz |    -919.8 |    -20.4 |      0.0 |    920.5 |
| 5- 1|si| 9|  Ty |      33.5 |      0.0 |   -103.7 |    182.7 |
-----
PROGR.      170.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    63972.2 |    577.0 |      0.0 |    401.3 |     -2.7 |    192.9 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx |      1302.5 |      0.0 |      0.0 |    1302.5 |
| 5- 1|si| 6|  Tz |   -1194.3 |     -8.3 |      0.0 |   1194.4 |
| 5- 1|si| 9|  Ty |      34.9 |      0.0 |    -41.9 |     80.5 |
-----
PROGR.      212.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    66123.0 |    627.9 |      0.0 |    401.3 |      0.3 |   -91.7 |
| 6- 1 |    66260.7 |     36.0 |      0.0 |    395.9 |      0.3 |   -92.8 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx |      1348.9 |      0.0 |      0.0 |    1348.9 |
| 6- 1|si| 6|  Tz |   -1219.9 |      3.8 |      0.0 |   1219.9 |
| 6- 1|si| 9|  Ty |      30.2 |      0.0 |     20.1 |     46.2 |
-----
PROGR.      255.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    56177.9 |    548.6 |      0.0 |    401.3 |      3.4 |   -376.3 |
| 6- 1 |    56269.7 |     24.0 |      0.0 |    392.9 |      0.3 |   -377.4 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx |      1152.3 |      0.0 |      0.0 |    1152.3 |
| 5- 1|si| 6|  Tz |   -1046.5 |    15.9 |      0.0 |   1046.9 |
| 6- 1|si| 9|  Ty |      29.9 |      0.0 |     82.0 |    145.1 |
-----
PROGR.      298.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    34136.9 |    339.3 |      0.0 |    401.3 |      6.5 |   -660.9 |
| 6- 1 |    34182.8 |     12.0 |      0.0 |    389.8 |      0.3 |   -662.0 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx |      712.8 |      0.0 |      0.0 |    712.8 |
| 5- 1|si| 6|  Tz |   -624.2 |    28.0 |      0.0 |    626.1 |
| 6- 1|si| 9|  Ty |      29.5 |      0.0 |    143.8 |    250.8 |
-----
PROGR.      340.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 1 |      0.0 |      0.0 |      0.0 |    721.6 |     -0.1 |   -157.1 |
| 5- 1 |      0.0 |      0.0 |      0.0 |    401.3 |      9.5 |   -945.5 |
| 6- 1 |      0.0 |      0.0 |      0.0 |    386.7 |      0.3 |   -946.6 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 1|si| 4|Sx |      54.5 |      0.0 |      0.0 |     54.5 |
| 5- 1|si| 6|  Tz |      30.3 |    40.1 |      0.0 |     75.8 |
| 6- 1|si| 9|  TySi |     29.2 |      0.0 |    205.6 |    357.3 |
-----

VERIFICA STABILITA` :
|L0 = 340. |
Z |Lc = 340. |Ro = 4.90 |lm = 69.3 |Ncr= 57089.0 |alfa(a)=0.2100 |ki=0.7966 |
Y |Lc = 340. |Ro = 1.45 |lm = 235.1 |Ncr= 4961.9 |alfa(b)=0.3400 |ki=0.1204 |
Cas011-16 - Nodo 2 - Asse Y
Ned = -562.6 |Mzeq = 8890.3 |Myeq = 50.8 |Ss = -528.8 ( 0.202)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 366- 705) 1646
-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 |   -9.8 |   -1443.9 |     -9.1 |
| 6- 1 |      0.0 |      0.0 |     -9.4 |  -1405.6 |     -0.6 |    895.1 |
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |    -109.1 |      0.0 |      0.0 |    109.1 |
| 5- 1|si| 6|  Tz |    -109.1 |   -42.7 |      0.0 |    131.8 |
| 6- 1|si| 9|  Ty |   -106.2 |      0.0 |   -197.6 |    358.3 |

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Copertura area carburante - Relazione di calcolo

5- 1 si 9	Si	-109.1	0.0	-197.4	358.9				

SOLLECITAZIONI : 40.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	30207.9|	305.0|	-9.8|	-1443.9|	-6.3|	628.0|			
| 6- 1|	30256.4|	22.9|	-9.4|	-1408.5|	-0.6|	629.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-713.6|	0.0|	0.0|	713.6|				
| 5- 1|si| 6|	Tz	-688.5|	-31.4|	0.0|	690.6|				
| 6- 1|si| 9|	Ty	-106.2|	0.0|	-139.8|	264.5|				

SOLLECITAZIONI : 79.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	49861.1|	496.4|	-9.8|	-1443.9|	-3.4|	362.1|			
| 6- 1|	49958.1|	45.9|	-9.4|	-1411.3|	-0.6|	363.3|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-1106.1|	0.0|	0.0|	1106.1|				
| 5- 1|si| 6|	Tz	-1065.2|	-20.1|	0.0|	1065.7|				
| 6- 1|si| 9|	Ty	-106.3|	0.0|	-82.1|	177.5|				

SOLLECITAZIONI : 119.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	58959.7|	574.4|	-9.8|	-1443.9|	-0.5|	96.3|			
| 6- 1|	59105.3|	68.8|	-9.4|	-1414.2|	-0.6|	97.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-1286.5|	0.0|	0.0|	1286.5|				
| 5- 1|si| 6|	Tz	-1239.2|	-8.7|	0.0|	1239.3|				
| 6- 1|si| 9|	Ty	-106.3|	0.0|	-24.4|	114.4|				

SOLLECITAZIONI : 159.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	57503.8|	539.0|	-9.8|	-1443.9|	2.3|	-169.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-1255.0|	0.0|	0.0|	1255.0|				
| 5- 1|si| 6|	Tz	-1210.6|	12.0|	0.0|	1210.8|				
| 5- 1|si| 9|	Ty	-104.8|	0.0|	40.1|	125.8|				

SOLLECITAZIONI : 199.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	45493.2|	390.0|	-9.8|	-1443.9|	5.2|	-435.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-1011.4|	0.0|	0.0|	1011.4|				
| 5- 1|si| 6|	Tz	-979.3|	23.3|	0.0|	980.1|				
| 5- 1|si| 9|	Ty	-106.0|	0.0|	97.9|	199.9|				

SOLLECITAZIONI : 238.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	23219.0|	137.6|	-9.4|	-1422.8|	-0.6|	-700.1|			
| 5- 1|	22928.0|	127.6|	-9.8|	-1443.9|	8.0|	-701.3|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 6- 1|si| 2|Sx	Si	-560.9|	0.0|	0.0|	560.9|				
| 5- 1|si| 6|	Tz	-545.4|	34.7|	0.0|	548.7|				
| 5- 1|si| 9|	Ty	-108.1|	0.0|	155.6|	290.4|				

SOLLECITAZIONI : 278.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-10191.8|	-248.3|	-9.8|	-1443.9|	10.9|	-967.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-329.9|	0.0|	0.0|	329.9|				
| 5- 1|si| 6|	Tz	91.2|	46.0|	0.0|	121.1|				
| 5- 1|si| 9|	Ty	-111.1|	0.0|	213.4|	385.9|				
| 5- 1|si|13|	Si	-260.5|	0.0|	180.2|	406.6|				

SOLLECITAZIONI : 318.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-53866.2|	-737.7|	-9.8|	-1443.9|	13.8|	-1233.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-1209.4|	0.0|	0.0|	1209.4|				
| 5- 1|si| 6|	Tz	930.5|	57.3|	0.0|	935.7|				
| 5- 1|si| 9|	Ty	-115.0|	0.0|	271.1|	483.4|				

VERIFICA STABILITA` :									
|L0 = 318. |									
Z	|Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|								
Y	|Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|								
Caso 5- 1 - Nodo 1 - Asse Y									
Ned =	-1443.9|Mzeq = 44219.8|Myeq = -553.3|Ss = -1736.2 (0.663)								
P_IPE120_S009 (9) stato limite ultimo - ASTA (705- 706) 1647									

SOLLECITAZIONI : 40.									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-53888.5|	-706.3|	-0.7|	509.5|	-12.0|	1090.8|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	1135.6|	0.0|	0.0|	1135.6|				
| 5- 1|si| 6|	Tz	1077.4|	-46.8|	0.0|	1080.5|				
| 5- 1|si| 9|	Ty	32.9|	0.0|	-237.1|	412.1|				

SOLLECITAZIONI : 40.									

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-15861.1|	-286.7|	-0.7|	509.5|	-9.1|	824.9|
6- 1|	-15543.3|	-109.5|	-0.8|	698.2|	-0.8|	823.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|	Sx			370.5|	0.0|	0.0|	370.5|
5- 1|si| 6|	Tz			346.9|	-35.5|	0.0|	352.3|
5- 1|si| 9|	Ty			36.2|	0.0|	-179.4|	312.8|
6- 1|si|12|	Si			281.6|	0.0|	-150.9|	384.2|

PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	11862.3|	-76.5|	-0.8|	695.4|	-0.8|	557.4|
5- 1|	11611.7|	19.4|	-0.7|	509.5|	-6.3|	559.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|	Sx			284.9|	0.0|	0.0|	284.9|
5- 1|si| 6|	Tz			-181.0|	-24.2|	0.0|	185.7|
5- 1|si| 9|	Ty			38.7|	0.0|	-121.7|	214.2|
6- 1|si|14|	Si			227.1|	0.0|	-102.2|	288.0|

PROGR. 119.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	28529.8|	212.1|	-0.7|	509.5|	-3.4|	293.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		600.6|	0.0|	0.0|	600.6|
5- 1|si| 6|	Tz			-506.2|	-12.9|	0.0|	506.6|
5- 1|si| 9|	Ty			40.2|	0.0|	-63.9|	117.8|

PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	34893.4|	291.3|	-0.7|	509.5|	-0.6|	27.4|
6- 1|	35009.6|	-10.6|	-0.8|	689.7|	-0.8|	25.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		729.7|	0.0|	0.0|	729.7|
6- 1|si| 6|	Tz			-607.2|	-1.6|	0.0|	607.2|
5- 1|si| 9|	Ty			40.8|	0.0|	-6.2|	42.2|

PROGR. 198.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	30702.4|	257.0|	-0.7|	509.5|	2.3|	-238.5|
6- 1|	30751.4|	22.4|	-0.8|	686.8|	-0.8|	-240.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		646.7|	0.0|	0.0|	646.7|
5- 1|si| 6|	Tz			-548.6|	10.4|	0.0|	548.9|
6- 1|si| 9|	Ty			52.1|	0.0|	52.4|	104.7|

PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	15938.5|	55.4|	-0.8|	684.0|	-0.8|	-506.0|
5- 1|	15956.7|	109.2|	-0.7|	509.5|	5.2|	-504.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 4|	Sx	Si		358.4|	0.0|	0.0|	358.4|
5- 1|si| 6|	Tz			-265.8|	21.8|	0.0|	268.5|
6- 1|si| 9|	Ty			52.1|	0.0|	110.2|	197.8|

PROGR. 278.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	-9428.9|	88.3|	-0.8|	681.1|	-0.8|	-771.9|
5- 1|	-9343.5|	-152.1|	-0.7|	509.5|	8.0|	-770.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			239.3|	0.0|	0.0|	239.3|
5- 1|si| 6|	Tz			219.6|	33.1|	0.0|	227.0|
6- 1|si| 9|	Ty			52.2|	0.0|	167.9|	295.5|
6- 1|si|11|	Si			190.5|	0.0|	141.5|	310.3|

PROGR. 318.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-45198.4|	-526.8|	-0.7|	509.5|	10.9|	-1036.1|
6- 1|	-45351.0|	121.3|	-0.8|	678.2|	-0.8|	-1037.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|	Sx	Si		951.1|	0.0|	0.0|	951.1|
5- 1|si| 6|	Tz			907.7|	44.4|	0.0|	910.9|
6- 1|si| 9|	Ty			52.2|	0.0|	225.6|	394.3|

VERIFICA STABILITA` :

$l_0 = 318.$
 $Z \quad l_c = 318. \quad R_o = 4.90 \quad l_m = 64.8 \quad N_{cr} = 65425.9 \quad \alpha(a) = 0.2100 \quad k_i = 0.8251$
 $Y \quad l_c = 318. \quad R_o = 1.45 \quad l_m = 219.6 \quad N_{cr} = 5686.5 \quad \alpha(b) = 0.3400 \quad k_i = 0.1366$
 Caso12-14 - Nodo 4 - Asse Y
 $N_{ed} = -848.1 \quad M_{zeq} = -7127.2 \quad M_{yeq} = -155.5 \quad S_s = -626.1 (0.239)$

P_IPE120_S009 (9) stato limite ultimo - ASTA (706- 707) 1648
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-45206.1|	-490.2|	1.9|	-2219.2|	-10.6|	1076.7|
6- 1|	-45359.3|	36.9|	1.8|	-1953.2|	0.3|	1077.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx	Si		-1076.2|	0.0|	0.0|	1076.2|
5- 1|si| 6|	Tz			700.5|	-46.5|	0.0|	705.1|

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	-147.3|	0.0|	-234.7|	432.4|				

40.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-7740.3|	-125.6|	1.9|	-2219.2|	-7.8|	810.8|			
| 6- 1|	-7842.5|	24.2|	1.8|	-1956.0|	0.3|	812.1|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-328.0|	0.0|	0.0|	328.0|				
| 5- 1|si| 6|	Tz	-17.6|	-35.2|	0.0|	63.5|				
| 6- 1|si| 9|	Ty	-147.6|	0.0|	-177.0|	340.2|				
| 5- 1|si|13|	Si	-282.2|	0.0|	-148.9|	382.3|				

79.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	19171.0|	125.5|	1.9|	-2219.2|	-4.9|	544.9|			
| 6- 1|	19119.7|	11.5|	1.8|	-1958.9|	0.3|	546.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-543.4|	0.0|	0.0|	543.4|				
| 5- 1|si| 6|	Tz	-533.1|	-23.9|	0.0|	534.7|				
| 6- 1|si| 9|	Ty	-147.9|	0.0|	-119.2|	254.0|				

119.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	35527.6|	263.1|	1.9|	-2219.2|	-2.0|	279.1|			
| 6- 1|	35527.4|	-1.3|	1.8|	-1961.8|	0.3|	280.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-867.6|	0.0|	0.0|	867.6|				
| 5- 1|si| 6|	Tz	-845.9|	-12.6|	0.0|	846.2|				
| 6- 1|si| 9|	Ty	-148.2|	0.0|	-61.5|	182.5|				

159.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	41329.7|	287.3|	1.9|	-2219.2|	0.8|	13.2|			
| 6- 1|	41380.4|	-14.0|	1.8|	-1964.6|	0.3|	14.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-979.7|	0.0|	0.0|	979.7|				
| 5- 1|si| 5|	Tz	-936.9|	1.6|	0.0|	936.9|				
| 6- 1|si| 9|	Ty	-148.5|	0.0|	-3.8|	148.7|				

199.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	36577.1|	198.0|	1.9|	-2219.2|	3.7|	-252.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-879.8|	0.0|	0.0|	879.8|				
| 5- 1|si| 6|	Tz	-863.5|	11.8|	0.0|	863.7|				
| 5- 1|si| 9|	Ty	-166.1|	0.0|	55.5|	191.9|				

238.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	21269.9|	-4.8|	1.9|	-2219.2|	6.5|	-518.5|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 1|Sx	Si	-569.0|	0.0|	0.0|	569.0|				
| 5- 1|si| 6|	Tz	-568.3|	23.1|	0.0|	569.7|				
| 5- 1|si| 9|	Ty	-167.7|	0.0|	113.2|	258.1|				
| 5- 1|si| 5|	Si	-568.6|	-20.9|	0.0|	569.8|				

278.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-4591.8|	-321.1|	1.9|	-2219.2|	9.4|	-784.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-291.3|	0.0|	0.0|	291.3|				
| 5- 1|si| 6|	Tz	-70.5|	34.4|	0.0|	92.3|				
| 5- 1|si| 9|	Ty	-170.2|	0.0|	171.0|	341.6|				
| 5- 1|si|13|	Si	-237.6|	0.0|	144.1|	344.6|				

318.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-41008.2|	-750.9|	1.9|	-2219.2|	12.3|	-1050.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-1027.2|	0.0|	0.0|	1027.2|				
| 5- 1|si| 6|	Tz	630.0|	45.7|	0.0|	635.0|				
| 5- 1|si| 9|	Ty	-173.6|	0.0|	228.7|	432.5|				

VERIFICA STABILITA` :									
|L0 =	318. |								
Y |Lc =	318. |Ro =	4.90|lm =	64.8|Ncr=	65425.9|alfa(a)=	0.2100|ki=	0.8251|			
Z |Lc =	318. |Ro =	1.45|lm =	219.6|Ncr=	5686.5|alfa(b)=	0.3400|ki=	0.1366|			
Caso 5- 1 -	Nodo 4 -	Asse Y							
Ned =	-2219.2|Mzeq =	-33904.6|Myeq =	-563.2|Ss =	-1995.2 (	0.762)				

P_IPE120_S009 (9)	stato limite ultimo - ASTA (707- 384)								1649

0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-40962.0|	-700.7|	0.0|	126.4|	-13.6|	1191.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	862.4|	0.0|	0.0|	862.4|				
| 5- 1|si| 6|	Tz	804.7|	-50.8|	0.0|	809.5|				
| 5- 1|si| 9|	Ty	4.0|	0.0|	-258.7|	448.1|				

Copertura area carburante - Relazione di calcolo

----- PROGR.										40.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 7- 2 |	2479.3 |	674.4 |	0.0 |	-12.9 |	19.1 |	108.0 |				
| 5- 1 |	1006.4 |	-216.9 |	0.0 |	126.4 |	-10.8 |	925.7 |				
| 6- 1 |	1231.8 |	161.6 |	0.0 |	248.1 |	0.6 |	924.9 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 7- 2 |	si | 2 | Sx	-125.7 |	0.0 |	0.0 |	125.7 |					
| 5- 1 |	si | 6 | Tz	-2.2 |	-39.5 |	0.0 |	68.5 |					
| 5- 1 |	si | 9 | Ty	7.8 |	0.0 |	-201.0 |	348.3 |					
| 6- 1 |	si | 9 | Si	20.0 |	0.0 |	-200.9 |	348.5 |					
----- PROGR.										79.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 6- 1 |	32640.0 |	138.5 |	0.0 |	245.2 |	0.6 |	659.4 |				
| 5- 1 |	32446.8 |	153.6 |	0.0 |	126.4 |	-7.9 |	660.2 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 6- 1 |	si | 4 | Sx	649.6 |	0.0 |	0.0 |	649.6 |					
| 5- 1 |	si | 6 | Tz	-607.0 |	-28.2 |	0.0 |	608.9 |					
| 5- 1 |	si | 9 | Ty	10.8 |	0.0 |	-143.4 |	248.6 |					
----- PROGR.										119.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 5- 1 |	53359.1 |	411.0 |	0.0 |	126.4 |	-5.1 |	394.7 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 5- 1 |	si | 4 | Sx	1062.5 |	0.0 |	0.0 |	1062.5 |					
| 5- 1 |	si | 6 | Tz	-1009.6 |	-16.9 |	0.0 |	1010.0 |					
| 5- 1 |	si | 9 | Ty	12.8 |	0.0 |	-85.7 |	149.0 |					
----- PROGR.										159.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 5- 1 |	63743.3 |	555.2 |	0.0 |	126.4 |	-2.2 |	129.1 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 5- 1 |	si | 4 | Sx	1274.9 |	0.0 |	0.0 |	1274.9 |					
| 5- 1 |	si | 6 | Tz	-1210.1 |	-5.6 |	0.0 |	1210.1 |					
| 5- 1 |	si | 9 | Ty	14.0 |	0.0 |	-28.0 |	50.5 |					
----- PROGR.										198.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 5- 1 |	63599.6 |	586.2 |	0.0 |	126.4 |	0.6 |	-136.4 |				
| 6- 1 |	63696.2 |	69.2 |	0.0 |	236.6 |	0.6 |	-137.2 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 5- 1 |	si | 4 | Sx	1275.8 |	0.0 |	0.0 |	1275.8 |					
| 6- 1 |	si | 6 | Tz	-1184.7 |	5.7 |	0.0 |	1184.7 |					
| 6- 1 |	si | 9 | Ty	18.4 |	0.0 |	29.8 |	54.8 |					
----- PROGR.										238.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 5- 1 |	52927.8 |	504.0 |	0.0 |	126.4 |	3.5 |	-401.9 |				
| 6- 1 |	52992.2 |	46.2 |	0.0 |	233.8 |	0.6 |	-402.7 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 5- 1 |	si | 4 | Sx	1065.2 |	0.0 |	0.0 |	1065.2 |					
| 5- 1 |	si | 6 | Tz	-1004.5 |	17.0 |	0.0 |	1005.0 |					
| 6- 1 |	si | 9 | Ty	18.0 |	0.0 |	87.5 |	152.6 |					
----- PROGR.										278.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 5- 1 |	31727.9 |	308.6 |	0.0 |	126.4 |	6.4 |	-667.4 |				
| 6- 1 |	31760.1 |	23.1 |	0.0 |	230.9 |	0.6 |	-668.2 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 5- 1 |	si | 4 | Sx	643.1 |	0.0 |	0.0 |	643.1 |					
| 5- 1 |	si | 6 | Tz	-598.6 |	28.2 |	0.0 |	600.6 |					
| 6- 1 |	si | 9 | Ty	17.6 |	0.0 |	145.1 |	252.0 |					
----- PROGR.										317.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 11- 6 |	0.0 |	0.0 |	0.0 |	-588.4 |	0.2 |	-157.3 |				
| 5- 1 |	0.0 |	0.0 |	0.0 |	126.4 |	9.2 |	-933.0 |				
| 6- 1 |	0.0 |	0.0 |	0.0 |	228.1 |	0.6 |	-933.8 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 11- 6 |	si | 1 | Sx	-44.5 |	0.0 |	0.0 |	44.5 |					
| 5- 1 |	si | 6 | Tz	9.5 |	39.5 |	0.0 |	69.2 |					
| 6- 1 |	si | 9 | TySi	17.2 |	0.0 |	202.8 |	351.7 |					
----- PROGR.										0.
VERIFICA STABILITA` :										
|L0 = 317. |										
Z	|Lc = 317. |	Ro = 4.90 |	lm = 64.7 |	Ncr= 65591.0 |	alfa(a) = 0.2100 |	ki = 0.8256 |				
Y	|Lc = 317. |	Ro = 1.45 |	lm = 219.4 |	Ncr= 5700.9 |	alfa(b) = 0.3400 |	ki = 0.1370 |				
Caso 6- 2 - Nodo 2 - Asse Y										
Ned =	-45.5 |	Mzeq = 26324.5 |	Myeq = 88.8 |	Ss = -531.8	(0.203)					
P_IPE120_S009 (9) stato limite ultimo - ASTA (14- 537)										1650
----- PROGR.										0.
SOLLECITAZIONI :										
| Caso |	MZ	MY	MT	N	TZ	TY				
| 5- 1 |	0.0 |	0.0 |	16.4 |	879.1 |	-6.9 |	845.4 |				
TENSIONI (Sz= 0.00) :										
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si					
| 5- 1 |	si | 1 | Sx	66.4 |	0.0 |	0.0 |	66.4 |					
| 5- 1 |	si | 6 | Tz	66.4 |	-43.5 |	0.0 |	100.5 |					

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9| TySi| 66.4| 0.0| -189.1| 334.2|

PROGR. 35.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 25486.0| 198.8| 16.4| 879.1| -4.4| 611.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	569.6	0.0	0.0	569.6
5- 1	si	6	Tz	-420.4	-33.6	0.0	424.4
5- 1	si	9	Ty	68.0	0.0	-138.2	248.9

PROGR. 70.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 42768.5| 309.4| 16.4| 879.1| -1.9| 376.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	908.1	0.0	0.0	908.1
5- 1	si	6	Tz	-749.8	-23.6	0.0	750.9
5- 1	si	9	Ty	68.9	0.0	-87.3	166.2

PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	51847.5	331.8	16.4	879.1	0.6	142.2
6- 1	51709.3	-72.4	16.5	689.4	0.7	140.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	1081.8	0.0	0.0	1081.8
6- 1	si	5	Tz	-924.7	13.8	0.0	925.0
5- 1	si	9	Ty	69.1	0.0	-36.4	93.5

PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	52723.1	266.0	16.4	879.1	3.1	-92.2
6- 1	52538.8	-96.6	16.5	686.9	0.7	-93.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	1090.7	0.0	0.0	1090.7
5- 1	si	6	Tz	-935.9	12.2	0.0	936.1
6- 1	si	9	Ty	51.1	0.0	25.9	68.0

PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	45395.2	112.0	16.4	879.1	5.7	-326.6
6- 1	45164.9	-120.7	16.5	684.3	0.7	-327.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	934.8	0.0	0.0	934.8
5- 1	si	6	Tz	-792.7	22.2	0.0	793.6
6- 1	si	9	Ty	50.7	0.0	76.8	142.3

PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	29863.8	-130.2	16.4	879.1	8.2	-560.9
6- 1	29587.5	-144.9	16.5	681.8	0.7	-562.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx Si	644.2	0.0	0.0	644.2
5- 1	si	6	Tz	-492.0	32.2	0.0	495.1
6- 1	si	9	Ty	50.4	0.0	127.7	226.8

PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	6112.5	-644.6	14.7	869.7	17.3	-708.7
5- 1	6129.0	-460.6	16.4	879.1	10.7	-795.3
6- 1	5806.6	-169.0	16.5	679.3	0.7	-796.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	si	3	Sx Si	255.4	0.0	0.0	255.4
5- 1	si	6	Tz	-33.8	42.1	0.0	80.4
6- 1	si	9	Ty	50.0	0.0	178.6	313.3
5- 1	si	10	Si	70.1	0.0	178.3	316.6

PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-25809.3	-879.2	16.4	879.1	13.2	-1029.7
6- 1	-26177.8	-193.1	16.5	676.8	0.7	-1031.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx Si	654.4	0.0	0.0	654.4
5- 1	si	6	Tz	582.0	52.1	0.0	588.9
6- 1	si	9	Ty	49.6	0.0	229.5	400.6

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-25862.4	-442.1	2.4	-1037.4	-10.0	903.4
6- 1	-26227.5	131.1	2.5	-1393.5	0.9	905.2

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| -616.8| 0.0| 0.0| 616.8|

VERIFICA STABILITA` :

|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Casoll-16 - Nodo 1 - Asse Y
Ned = -561.0|Mzeq = 6506.7|Myeq = -43.0|Ss = -375.0 (0.143)

P_IPE120_S009 (9) stato limite ultimo - ASTA (537- 538) 1651

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-25862.4	-442.1	2.4	-1037.4	-10.0	903.4
6- 1	-26227.5	131.1	2.5	-1393.5	0.9	905.2

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| -616.8| 0.0| 0.0| 616.8|

Copertura area carburante - Relazione di calcolo

5-1	|si|6	Tz	423.7	-39.6	0.0	429.2
6-1	|si|9	Ty	-104.2	0.0	-197.4	357.5

35.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-8	2025.2	197.2	0.5	-1789.9	1.8	109.4
5-1	1654.2	-137.9	2.4	-1037.4	-7.4	669.0
6-1	1353.6	101.2	2.5	-1396.0	0.9	670.8

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
12-8	|si|2|Sx	-196.2	0.0	0.0	196.2
5-1	|si|6	Tz	-105.0	-29.7	0.0
6-1	|si|9	Ty	-104.7	0.0	-146.5
6-1	|si|10	Si	-106.3	0.0	-146.5

70.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	20731.2	71.4	2.5	-1398.5	0.9	436.5
5-1	20967.2	78.1	2.4	-1037.4	-4.9	434.6

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6-1	|si|2|Sx	Si	-504.6	0.0	0.0
5-1	|si|6	Tz	-476.1	-19.7	0.0
6-1	|si|9	Ty	-105.1	0.0	-95.6

105.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	31905.3	41.6	2.5	-1401.0	0.9	202.1
5-1	32076.9	206.0	2.4	-1037.4	-2.4	200.2

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6-1	|si|2|Sx	Si	-711.9	0.0	0.0
5-1	|si|6	Tz	-689.7	-9.7	0.0
6-1	|si|9	Ty	-105.5	0.0	-44.7

140.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5-1	34983.0	245.6	2.4	-1037.4	0.1	-34.2
6-1	34876.0	11.7	2.5	-1403.5	0.9	-32.3

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5-1	|si|2|Sx	Si	-766.0	0.0	0.0
6-1	|si|6	Tz	-763.6	2.7	0.0
5-1	|si|9	Ty	-76.4	0.0	8.2

175.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	29643.2	-18.1	2.5	-1406.1	0.9	-266.7
5-1	29685.8	197.0	2.4	-1037.4	2.6	-268.5

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6-1	|si|1|Sx	Si	-666.9	0.0	0.0
5-1	|si|6	Tz	-644.3	12.5	0.0
5-1	|si|9	Ty	-76.8	0.0	59.1

210.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	16207.0	-48.0	2.5	-1408.6	0.9	-501.1
5-1	16185.0	60.3	2.4	-1037.4	5.2	-502.9

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6-1	|si|1|Sx	Si	-417.4	0.0	0.0
5-1	|si|6	Tz	-385.4	22.5	0.0
5-1	|si|9	Ty	-77.9	0.0	110.0

245.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	-5432.7	-77.8	2.5	-1411.1	0.9	-735.5
5-1	-5519.2	-164.7	2.4	-1037.4	7.7	-737.3

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
6-1	|si|4|Sx	-218.0	0.0	0.0	218.0
5-1	|si|6	Tz	31.1	32.5	0.0
5-1	|si|9	Ty	-79.7	0.0	160.9
6-1	|si|13	Si	-186.9	0.0	135.4

280.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5-1	-35426.9	-477.8	2.4	-1037.4	10.2	-971.7

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si
5-1	|si|4|Sx	Si	-801.2	0.0	0.0
5-1	|si|6	Tz	605.1	42.5	0.0
5-1	|si|9	Ty	-82.2	0.0	211.8

VERIFICA STABILITA` :

|L0 = 280.1
 Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 6-1 - Nodo 3 - Asse Y
 Ned = -1413.6|Mzeq = -26456.9|Myeq = 98.3|Ss = -1141.5 (0.436)

P_IPE120_S009 (9) stato limite ultimo - ASTA (538- 539) 1652
 ----- PROGR. 0.

SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
5-1	-35420.4	-629.3	-1.4	702.1	-11.3	926.5

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	793.3	0.0	0.0	793.3
5-1	si	6	Tz	741.4	-40.3	0.0	744.7
5-1	si	9	Ty	48.0	0.0	-201.7	352.7

35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-7094.1	-279.1	-1.4	702.1	-8.7	692.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	219.0	0.0	0.0	219.0
5-1	si	6	Tz	196.0	-30.4	0.0	202.9
5-1	si	9	Ty	50.8	0.0	-150.8	266.1
5-1	si	12	Si	159.3	0.0	-127.1	271.7

70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	13028.8	-17.2	-1.4	702.1	-6.2	457.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	300.5	0.0	0.0	300.5
5-1	si	6	Tz	-191.9	-20.4	0.0	195.1
5-1	si	9	Ty	52.9	0.0	-99.9	180.9
5-1	si	8	Si	299.1	18.3	0.0	300.8

105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	24948.2	156.6	-1.4	702.1	-3.7	223.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	541.3	0.0	0.0	541.3
5-1	si	6	Tz	-422.3	-10.4	0.0	422.7
5-1	si	9	Ty	54.3	0.0	-49.0	100.7

140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	28664.1	242.2	-1.4	702.1	-1.2	-11.0
6-1	28542.3	7.6	-1.4	435.5	-0.7	-13.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	621.2	0.0	0.0	621.2
5-1	si	5	Tz	-479.0	-1.3	0.0	479.0
6-1	si	9	Ty	33.0	0.0	3.3	33.4

175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	24176.6	239.5	-1.4	702.1	1.3	-245.4
6-1	23986.7	31.6	-1.4	432.9	-0.7	-247.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	536.3	0.0	0.0	536.3
5-1	si	6	Tz	-410.5	10.9	0.0	410.9
6-1	si	9	Ty	33.0	0.0	54.2	99.5

210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	11485.6	148.7	-1.4	702.1	3.9	-479.8
6-1	11227.7	55.6	-1.4	430.4	-0.7	-481.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	286.7	0.0	0.0	286.7
5-1	si	6	Tz	-168.3	20.9	0.0	172.2
6-1	si	9	Ty	33.0	0.0	105.1	185.0

245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-9408.8	-30.3	-1.4	702.1	6.4	-714.2
6-1	-9734.8	79.6	-1.4	427.9	-0.7	-716.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	233.8	0.0	0.0	233.8
5-1	si	6	Tz	231.4	30.9	0.0	237.4
6-1	si	9	Ty	33.0	0.0	156.0	272.2
5-1	si	12	Si	191.3	0.0	131.1	296.9

280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-38506.8	-297.5	-1.4	702.1	8.9	-948.6
6-1	-38900.8	103.5	-1.4	425.4	-0.7	-950.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	813.1	0.0	0.0	813.1
5-1	si	6	Tz	788.5	40.8	0.0	791.7
6-1	si	9	Ty	33.0	0.0	206.9	359.8

VERIFICA STABILITA` :

L0 = 280.1
 Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso12- 8 - Nodo 3 - Asse Y
 Ned = -892.1|Mzeq = -5271.8|Myeq = 161.5|Ss = -513.2 (0.196)

P_IPE120_S009 (9) stato limite ultimo - ASTA (539- 316) 1653
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-38476.7	-898.5	0.0	-1962.9	-13.3	1075.0
6-1	-38874.0	-161.8	0.0	-1987.2	-0.6	1076.4

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx	| -977.2|	| 0.0|	| 0.0|	| 977.2|		
| 5- 1|	|si| 6|	Tz	| 606.6|	| -46.0|	| 0.0|	| 611.8|		
| 6- 1|	|si| 9|	Ty	| -151.4|	| 0.0|	| -233.8|	| 432.3|		
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	-4107.2|	-679.4|	0.0|	-1874.0|	-17.5|	750.4|		
| 5- 1|	-4955.0|	-477.5|	0.0|	-1962.9|	-10.8|	840.6|		
| 6- 1|	-5302.6|	-141.6|	0.0|	-1989.7|	-0.6|	842.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 7- 1|	|si| 4|	Sx	| -297.5|	| 0.0|	| 0.0|	| 297.5|		
| 5- 1|	|si| 6|	Tz	| -39.1|	| -36.0|	| 0.0|	| 73.6|		
| 6- 1|	|si| 9|	Ty	| -151.5|	| 0.0|	| -182.9|	| 351.1|		
| 6- 1|	|si|13|	Si	| -229.2|	| 0.0|	| -154.0|	| 351.7|		
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	20363.3|	-144.7|	0.0|	-1962.9|	-8.2|	606.2|		
| 6- 1|	20065.3|	-121.3|	0.0|	-1992.2|	-0.6|	607.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 1|	Sx	| -548.7|	| 0.0|	| 0.0|	| 548.7|		
| 5- 1|	|si| 6|	Tz	| -527.2|	| -26.1|	| 0.0|	| 529.1|		
| 6- 1|	|si| 9|	Ty	| -151.5|	| 0.0|	| -132.0|	| 274.2|		
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	37478.0|	99.9|	0.0|	-1962.9|	-5.7|	371.8|		
| 6- 1|	37229.7|	-101.1|	0.0|	-1994.8|	-0.6|	373.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	| -866.1|	| 0.0|	| 0.0|	| 866.1|		
| 5- 1|	|si| 6|	Tz	| -857.8|	| -16.1|	| 0.0|	| 858.3|		
| 6- 1|	|si| 9|	Ty	| -151.5|	| 0.0|	| -81.1|	| 206.6|		
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	46389.4|	256.4|	0.0|	-1962.9|	-3.2|	137.4|		
| 6- 1|	46190.7|	-80.9|	0.0|	-1997.3|	-0.6|	138.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	| -1052.1|	| 0.0|	| 0.0|	| 1052.1|		
| 5- 1|	|si| 6|	Tz	| -1031.0|	| -6.1|	| 0.0|	| 1031.0|		
| 6- 1|	|si| 9|	Ty	| -151.5|	| 0.0|	| -30.2|	| 160.3|		
-----							PROGR.	175.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	47097.2|	324.6|	0.0|	-1962.9|	-0.7|	-97.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	| -1073.3|	| 0.0|	| 0.0|	| 1073.3|		
| 5- 1|	|si| 5|	Tz	| -1025.0|	| -4.1|	| 0.0|	| 1025.0|		
| 5- 1|	|si| 9|	Ty	| -145.7|	| 0.0|	| 21.1|	| 150.2|		
-----							PROGR.	210.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	39601.6|	304.6|	0.0|	-1962.9|	1.8|	-331.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	| -929.8|	| 0.0|	| 0.0|	| 929.8|		
| 5- 1|	|si| 6|	Tz	| -904.7|	| 13.8|	| 0.0|	| 905.0|		
| 5- 1|	|si| 9|	Ty	| -145.9|	| 0.0|	| 72.0|	| 191.9|		
-----							PROGR.	245.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	23902.5|	196.4|	0.0|	-1962.9|	4.4|	-565.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	| -621.4|	| 0.0|	| 0.0|	| 621.4|		
| 5- 1|	|si| 6|	Tz	| -605.2|	| 23.8|	| 0.0|	| 606.6|		
| 5- 1|	|si| 9|	Ty	| -146.7|	| 0.0|	| 122.9|	| 258.5|		
-----							PROGR.	280.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	0.0|	0.0|	0.0|	-2007.4|	-0.6|	-798.7|		
| 5- 1|	0.0|	0.0|	0.0|	-1962.9|	6.9|	-800.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 1|	Sx	| -151.7|	| 0.0|	| 0.0|	| 151.7|		
| 5- 1|	|si| 6|	Tz	| -148.3|	| 33.7|	| 0.0|	| 159.4|		
| 5- 1|	|si| 9|	Ty	| -148.3|	| 0.0|	| 173.8|	| 335.5|		
| 6- 1|	|si| 9|	Si	| -151.7|	| 0.0|	| 173.5|	| 336.6|		
-----							PROGR.	0.
VERIFICA STABILITA` :								
|L0 =	280. |							
Z |Lc =	280. |Ro =	4.90|lm =	57.1|Ncr=	84177.2|	alfa(a) =	0.2100|ki=	0.8668|	
Y |Lc =	280. |Ro =	1.45|lm =	193.6|Ncr=	7316.3|	alfa(b) =	0.3400|ki=	0.1722|	
Caso 5- 1 - Nodo 1 - Asse Y								
Ned =	-1962.9|	Mzreq =	35322.9|	Myeq =	-673.9|	Ss =	-1649.5 (0.630)	
P_IPE120_S009 (9) stato limite ultimo - ASTA (316- 591) 1654								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	0.0|	0.0|	8.5|	-974.6|	-12.3|	714.0|		

Copertura area carburante - Relazione di calcolo

| 5- 1|	0.0|	0.0|	9.4|	-963.8|	-7.2|	795.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 1|Sx |	-73.6|	0.0|	0.0|	73.6|		
| 5- 1|si| 6| Tz |	-72.8|	-38.2|	0.0|	98.4|		
| 5- 1|si| 9| TySi|	-72.8|	0.0|	-176.0|	313.4|		

						35.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	23751.6|	208.2|	9.4|	-963.8|	-4.7|	561.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-544.5|	0.0|	0.0|	544.5|		
| 5- 1|si| 6| Tz |	-527.3|	-28.2|	0.0|	529.6|		
| 5- 1|si| 9| Ty |	-71.2|	0.0|	-125.1|	228.1|		

						70.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	39299.8|	328.2|	9.4|	-963.8|	-2.2|	327.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-851.3|	0.0|	0.0|	851.3|		
| 5- 1|si| 6| Tz |	-824.3|	-18.2|	0.0|	824.9|		
| 5- 1|si| 9| Ty |	-70.2|	0.0|	-74.2|	146.5|		

						105.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	46644.5|	360.0|	9.4|	-963.8|	0.4|	92.7|
| 6- 1|	46446.1|	-49.5|	9.6|	-946.2|	0.5|	90.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-993.4|	0.0|	0.0|	993.4|		
| 6- 1|si| 5| Tz |	-948.3|	8.4|	0.0|	948.4|		
| 5- 1|si| 9| Ty |	-70.0|	0.0|	-23.3|	80.8|		

						140.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	45785.7|	303.6|	9.4|	-963.8|	2.9|	-141.7|
| 6- 1|	45521.2|	-65.9|	9.6|	-948.7|	0.5|	-143.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-970.7|	0.0|	0.0|	970.7|		
| 5- 1|si| 6| Tz |	-945.7|	10.8|	0.0|	945.9|		
| 6- 1|si| 9| Ty |	-72.2|	0.0|	34.4|	93.6|		

						175.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	36723.5|	159.1|	9.4|	-963.8|	5.4|	-376.1|
| 6- 1|	36392.8|	-82.4|	9.6|	-951.2|	0.5|	-378.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-783.2|	0.0|	0.0|	783.2|		
| 5- 1|si| 6| Tz |	-770.1|	20.8|	0.0|	770.9|		
| 6- 1|si| 9| Ty |	-72.5|	0.0|	85.3|	164.6|		

						210.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	19457.8|	-73.7|	9.4|	-963.8|	7.9|	-610.5|
| 6- 1|	19061.0|	-98.9|	9.6|	-953.8|	0.5|	-612.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 1|Sx Si|	-448.0|	0.0|	0.0|	448.0|		
| 5- 1|si| 6| Tz |	-437.0|	30.8|	0.0|	440.3|		
| 6- 1|si| 9| Ty |	-72.8|	0.0|	136.2|	246.9|		

						245.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-6011.3|	-394.7|	9.4|	-963.8|	10.4|	-844.9|
| 6- 1|	-6474.3|	-115.4|	9.6|	-956.3|	0.5|	-846.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx Si|	-231.7|	0.0|	0.0|	231.7|		
| 5- 1|si| 6| Tz |	53.6|	40.7|	0.0|	88.6|		
| 6- 1|si| 9| TySi|	-73.2|	0.0|	187.1|	332.3|		

						280.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-39684.0|	-803.9|	9.4|	-963.8|	13.0|	-1079.3|
| 6- 1|	-40213.0|	-131.9|	9.6|	-958.8|	0.5|	-1081.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx Si|	-913.6|	0.0|	0.0|	913.6|		
| 5- 1|si| 6| Tz |	701.7|	50.7|	0.0|	707.2|		
| 6- 1|si| 9| Ty |	-73.5|	0.0|	238.0|	418.8|		

VERIFICA STABILITA` :						
|L0 = 280. |						
Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a)=0.2100 |ki=0.8668 |						
Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b)=0.3400 |ki=0.1722 |						
Caso 5- 1 - Nodo 1 - Asse Y						
Ned = -963.8 |Mzeq = 34983.4 |Myeq = -602.9 |Ss = -1170.1 (0.447)						
P_IPE120_S009 (9) stato limite ultimo - ASTA (591- 592) 1655						
						0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-39714.4|	-480.4|	0.6|	-622.1|	-10.2|	947.1|
6- 1	-40240.4	50.6	0.7	-521.9	0.3	949.4

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -850.9| 0.0| 0.0| 850.9|
| 5- 1|si| 6| Tz | 717.3| -40.6| 0.0| 720.8|
| 6- 1|si| 9| Ty | -39.0| 0.0| -206.4| 359.7|
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -10669.0| -168.4| 0.6| -622.1| -7.7| 712.7|
| 6- 1| -11114.2| 38.9| 0.7| -524.4| 0.3| 715.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -267.5| 0.0| 0.0| 267.5|
| 5- 1|si| 6| Tz | 159.6| -30.6| 0.0| 168.2|
| 6- 1|si| 9| Ty | -39.3| 0.0| -155.5| 272.2|
| 5- 1|si|13| Si | -204.8| 0.0| -130.6| 305.1|
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 10172.8| 55.3| 0.6| -622.1| -5.1| 478.3|
| 6- 1| 9808.5| 27.2| 0.7| -526.9| 0.3| 480.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -245.1| 0.0| 0.0| 245.1|
| 5- 1|si| 6| Tz | -240.5| -20.6| 0.0| 243.2|
| 6- 1|si| 9| Ty | -39.6| 0.0| -104.6| 185.5|
| 5- 1|si|12| Si | -196.6| 0.0| -87.7| 248.5|
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22811.2| 190.8| 0.6| -622.1| -2.6| 243.9|
| 6- 1| 22527.7| 15.4| 0.7| -529.4| 0.3| 246.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -498.9| 0.0| 0.0| 498.9|
| 5- 1|si| 6| Tz | -483.2| -10.7| 0.0| 483.5|
| 6- 1|si| 9| Ty | -39.9| 0.0| -53.7| 101.2|
-----
PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 27246.2| 238.2| 0.6| -622.1| -0.1| 9.5|
| 11-16| 4436.4| 2.1| 0.5| 11.4| 1.9| 9.2|
| 6- 1| 27043.5| 3.7| 0.7| -532.0| 0.3| 11.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -588.0| 0.0| 0.0| 588.0|
| 11-16|si| 5| Tz | -82.7| 1.0| 0.0| 82.7|
| 6- 1|si| 9| Ty | -40.2| 0.0| -2.8| 40.5|
-----
PROGR. 175.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 23477.6| 197.3| 0.6| -622.1| 2.4| -224.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -512.2| 0.0| 0.0| 512.2|
| 5- 1|si| 6| Tz | -496.0| 9.9| 0.0| 496.3|
| 5- 1|si| 9| Ty | -45.4| 0.0| 49.0| 96.3|
-----
PROGR. 210.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 11505.6| 68.2| 0.6| -622.1| 4.9| -459.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -271.7| 0.0| 0.0| 271.7|
| 5- 1|si| 6| Tz | -266.1| 19.8| 0.0| 268.3|
| 5- 1|si| 9| Ty | -46.5| 0.0| 99.9| 179.2|
-----
PROGR. 245.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -8669.8| -149.0| 0.6| -622.1| 7.5| -693.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -227.6| 0.0| 0.0| 227.6|
| 5- 1|si| 6| Tz | 121.3| 29.8| 0.0| 131.8|
| 5- 1|si| 9| Ty | -48.2| 0.0| 150.8| 265.7|
| 5- 1|si|13| Si | -175.3| 0.0| 127.1| 281.4|
-----
PROGR. 280.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -37048.7| -454.5| 0.6| -622.1| 10.0| -928.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -797.7| 0.0| 0.0| 797.7|
| 5- 1|si| 6| Tz | 666.2| 39.8| 0.0| 669.8|
| 5- 1|si| 9| Ty | -50.6| 0.0| 201.7| 353.1|
-----
PROGR. 0.

VERIFICA STABILITA` :
|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a )=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b )=0.3400|ki=0.1722|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -622.1|MzEq = -29785.8|MyEq = -360.3|Ss = -884.0 ( 0.338)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 592- 593) 1656
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -37046.0| -537.4| -1.2| 769.2| -10.6| 934.4|

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 818.3| 0.0| 0.0| 818.3|
| 5- 1|si| 6| Tz | 774.1| -40.4| 0.0| 777.2|
| 5- 1|si| 9| Ty | 53.8| 0.0| -203.3| 356.3|
-----
PROGR. 35.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -8445.5| -210.8| -1.2| 769.2| -8.1| 700.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 241.6| 0.0| 0.0| 241.6|
| 5- 1|si| 6| Tz | 224.3| -30.5| 0.0| 230.4|
| 5- 1|si| 9| Ty | 56.4| 0.0| -152.4| 270.0|
| 5- 1|si|12| Si | 183.7| 0.0| -128.5| 288.5|
-----
PROGR. 70.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 11951.6| 27.6| -1.2| 769.2| -5.6| 465.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 286.5| 0.0| 0.0| 286.5|
| 5- 1|si| 6| Tz | -168.0| -20.5| 0.0| 171.7|
| 5- 1|si| 9| Ty | 58.3| 0.0| -101.5| 185.3|
-----
PROGR. 105.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 24145.2| 177.8| -1.2| 769.2| -3.0| 231.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 533.7| 0.0| 0.0| 533.7|
| 5- 1|si| 6| Tz | -402.8| -10.5| 0.0| 403.2|
| 5- 1|si| 9| Ty | 59.5| 0.0| -50.6| 106.0|
-----
PROGR. 140.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 28135.4| 239.8| -1.2| 769.2| -0.5| -3.2|
| 6- 1| 27987.8| 5.1| -1.1| 762.0| -0.3| -5.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 616.0| 0.0| 0.0| 616.0|
| 5- 1|si| 5| Tz | -464.1| -0.8| 0.0| 464.1|
| 6- 1|si| 9| Ty | 57.6| 0.0| 1.5| 57.7|
-----
PROGR. 175.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 23922.1| 213.7| -1.2| 769.2| 2.0| -237.6|
| 6- 1| 23707.7| 17.1| -1.1| 759.5| -0.3| -239.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 533.6| 0.0| 0.0| 533.6|
| 5- 1|si| 6| Tz | -399.8| 10.6| 0.0| 400.2|
| 6- 1|si| 9| Ty | 57.5| 0.0| 52.4| 107.4|
-----
PROGR. 210.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 11505.3| 99.3| -1.2| 769.2| 4.5| -472.0|
| 6- 1| 11224.2| 29.1| -1.1| 757.0| -0.3| -473.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 286.4| 0.0| 0.0| 286.4|
| 5- 1|si| 6| Tz | -162.0| 20.6| 0.0| 165.9|
| 6- 1|si| 9| Ty | 57.4| 0.0| 103.3| 187.9|
-----
PROGR. 245.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -9114.9| -103.3| -1.2| 769.2| 7.0| -706.3|
| 6- 1| -9462.9| 41.1| -1.1| 754.5| -0.3| -708.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 241.8| 0.0| 0.0| 241.8|
| 5- 1|si| 6| Tz | 233.3| 30.5| 0.0| 239.2|
| 6- 1|si| 9| Ty | 57.3| 0.0| 154.2| 273.1|
| 6- 1|si|11| Si | 196.1| 0.0| 129.9| 298.5|
-----
PROGR. 280.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -37938.6| -394.1| -1.2| 769.2| 9.6| -940.7|
| 6- 1| -38353.4| 53.1| -1.1| 751.9| -0.3| -942.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 818.6| 0.0| 0.0| 818.6|
| 5- 1|si| 6| Tz | 786.1| 40.5| 0.0| 789.2|
| 6- 1|si| 9| Ty | 57.2| 0.0| 205.1| 359.8|
-----
VERIFICA STABILITA' :
|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso12- 8 - Nodo 4 - Asse Y
Ned = -164.5|Mzeq = -5189.8|Myeq = -228.6|Ss = -197.2 ( 0.075)
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 593- 334) 1657
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -37908.9| -846.9| 0.0| -1724.1| -13.1| 1072.9|
| 6- 1| -38327.0| -135.0| 0.0| -1629.0| -0.5| 1074.4|

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Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx |Si| -942.5| 0.0| 0.0| 942.5|
| 5- 1|si| 6| Tz | 612.2| -45.9| 0.0| 617.4|
| 6- 1|si| 9| Ty | -124.2| 0.0| -233.3| 422.8|
-----
PROGR. 35.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -3654.5| -622.0| 0.0| -1681.8| -17.2| 748.6|
| 5- 1| -4458.2| -432.3| 0.0| -1724.1| -10.6| 838.5|
| 6- 1| -4824.0| -118.1| 0.0| -1631.5| -0.5| 840.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 4|Sx |Si| -267.8| 0.0| 0.0| 267.8|
| 5- 1|si| 6| Tz | -31.9| -35.9| 0.0| 69.9|
| 6- 1|si| 9| Ty | -124.2| 0.0| -182.4| 339.5|
| 5- 1|si| 9| Si| -133.7| 0.0| -182.1| 342.6|
-----
PROGR. 70.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 20789.1| -105.9| 0.0| -1724.1| -8.1| 604.2|
| 6- 1| 20475.5| -101.2| 0.0| -1634.1| -0.5| 605.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -534.3| 0.0| 0.0| 534.3|
| 5- 1|si| 6| Tz | -518.5| -26.0| 0.0| 520.4|
| 6- 1|si| 9| Ty | -124.3| 0.0| -131.5| 259.5|
-----
PROGR. 105.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 37832.9| 132.2| 0.0| -1724.1| -5.5| 369.8|
| 6- 1| 37571.6| -84.4| 0.0| -1636.6| -0.5| 371.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -858.5| 0.0| 0.0| 858.5|
| 5- 1|si| 6| Tz | -847.6| -16.0| 0.0| 848.0|
| 6- 1|si| 9| Ty | -124.3| 0.0| -80.6| 187.0|
-----
PROGR. 140.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46673.3| 282.2| 0.0| -1724.1| -3.0| 135.4|
| 6- 1| 46464.2| -67.5| 0.0| -1639.1| -0.5| 136.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1042.4| 0.0| 0.0| 1042.4|
| 5- 1|si| 6| Tz | -1019.1| -6.0| 0.0| 1019.2|
| 6- 1|si| 9| Ty | -124.4| 0.0| -29.7| 134.6|
-----
PROGR. 175.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47310.1| 343.9| 0.0| -1724.1| -0.5| -99.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -1061.5| 0.0| 0.0| 1061.5|
| 5- 1|si| 5| Tz | -1010.3| -4.1| 0.0| 1010.3|
| 5- 1|si| 9| Ty | -127.5| 0.0| 21.5| 132.9|
-----
PROGR. 210.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 39743.6| 317.5| 0.0| -1724.1| 2.0| -333.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -915.9| 0.0| 0.0| 915.9|
| 5- 1|si| 6| Tz | -889.7| 13.9| 0.0| 890.1|
| 5- 1|si| 9| Ty | -127.7| 0.0| 72.4| 179.0|
-----
PROGR. 245.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 23973.5| 202.8| 0.0| -1724.1| 4.5| -567.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx |Si| -605.5| 0.0| 0.0| 605.5|
| 5- 1|si| 6| Tz | -588.8| 23.9| 0.0| 590.2|
| 5- 1|si| 9| Ty | -128.7| 0.0| 123.3| 249.3|
-----
PROGR. 280.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1724.1| 7.1| -802.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx |Si| -130.3| 0.0| 0.0| 130.3|
| 5- 1|si| 6| Tz | -130.3| 33.9| 0.0| 142.9|
| 5- 1|si| 9| TySi| -130.3| 0.0| 174.2| 328.7|
-----
VERIFICA STABILITA` :
|LO = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a )=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b )=0.3400|ki=0.1722|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1724.1|Mzeq = 35482.6|Myeq = -635.1|Ss = -1535.4 ( 0.586)
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 334- 638) 1658
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 11-11| 0.0| 0.0| 2.1| 241.0| -0.2| 133.7|
| 5- 1| 0.0| 0.0| 9.4| 92.7| -7.4| 824.4|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

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| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 11-11|si|1|Sx | 18.2| 0.0| 0.0| 18.2|
| 5- 1|si|6| Tz | 7.0| -39.4| 0.0| 68.5|
| 5- 1|si|9| TySi| 7.0| 0.0| -182.2| 315.7|
-----
PROGR. 36.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 25485.6| 221.1| 9.4| 92.7| -4.8| 581.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|4|Sx Si| 512.8| 0.0| 0.0| 512.8|
| 5- 1|si|6| Tz | -480.6| -29.0| 0.0| 483.2|
| 5- 1|si|9| Ty | 8.8| 0.0| -129.5| 224.5|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 42171.3| 347.5| 9.4| 92.7| -2.2| 338.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|4|Sx Si| 841.8| 0.0| 0.0| 841.8|
| 5- 1|si|6| Tz | -799.2| -18.7| 0.0| 799.9|
| 5- 1|si|9| Ty | 9.8| 0.0| -76.8| 133.3|
-----
PROGR. 109.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 50057.2| 379.4| 9.4| 92.7| 0.4| 96.2|
| 6- 1| 49853.7| -49.9| 9.5| 99.8| 0.5| 94.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|4|Sx Si| 994.1| 0.0| 0.0| 994.1|
| 6- 1|si|5| Tz | -933.5| 8.5| 0.0| 933.6|
| 5- 1|si|9| Ty | 10.0| 0.0| -24.0| 42.8|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 49143.1| 316.6| 9.4| 92.7| 3.0| -146.6|
| 6- 1| 48871.8| -66.5| 9.5| 97.2| 0.5| -148.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|4|Sx Si| 969.6| 0.0| 0.0| 969.6|
| 5- 1|si|6| Tz | -929.5| 11.0| 0.0| 929.7|
| 6- 1|si|9| Ty | 6.8| 0.0| 35.5| 61.8|
-----
PROGR. 181.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 39429.2| 159.2| 9.4| 92.7| 5.6| -389.3|
| 6- 1| 39090.0| -83.1| 9.5| 94.6| 0.5| -391.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|4|Sx Si| 768.4| 0.0| 0.0| 768.4|
| 5- 1|si|6| Tz | -741.3| 21.3| 0.0| 742.2|
| 6- 1|si|9| Ty | 6.5| 0.0| 88.2| 152.9|
-----
PROGR. 218.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 20915.4| -92.8| 9.4| 92.7| 8.3| -632.1|
| 6- 1| 20508.3| -99.7| 9.5| 91.9| 0.5| -634.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|3|Sx Si| 411.9| 0.0| 0.0| 411.9|
| 5- 1|si|6| Tz | -384.0| 31.7| 0.0| 387.9|
| 6- 1|si|9| Ty | 6.2| 0.0| 140.9| 244.1|
-----
PROGR. 254.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -6398.3| -439.4| 9.4| 92.7| 10.9| -874.9|
| 6- 1| -6873.2| -116.4| 9.5| 89.3| 0.5| -876.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|2|Sx Si| 178.4| 0.0| 0.0| 178.4|
| 5- 1|si|6| Tz | 142.2| 42.0| 0.0| 159.7|
| 6- 1|si|9| Ty | 5.8| 0.0| 193.6| 335.4|
| 6- 1|si|10| Si| 7.7| 0.0| 193.6| 335.4|
-----
PROGR. 290.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -42511.9| -880.6| 9.4| 92.7| 13.5| -1117.6|
| 6- 1| -43054.7| -133.0| 9.5| 86.7| 0.5| -1119.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si|2|Sx Si| 909.9| 0.0| 0.0| 909.9|
| 5- 1|si|6| Tz | 837.4| 52.3| 0.0| 842.2|
| 6- 1|si|9| Ty | 5.5| 0.0| 246.3| 426.7|
-----
VERIFICA STABILITA` :
|LO = 290. |
Z |Lc = 290. |Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a )=0.2100|ki=0.8565|
Y |Lc = 290. |Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b )=0.3400|ki=0.1615|
Caso 5- 2 - Nodo 2 - Asse Y
Ned = -14.7|Mzeq = 20130.2|Myeq = 518.2|Ss = -446.3 ( 0.170)
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 638- 639) 1659
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -42549.4| -517.1| -0.4| 1036.1| -10.5| 969.9|
| 6- 1| -43089.1| 6.8| -0.2| 1002.6| 0.0| 971.0|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve No	massimi	Sx	Tz	Ty	Si		
| 5- 1|	|si| 2|	Sx Si	| 939.9|	| 0.0|	| 0.0|	| 939.9|		
| 5- 1|	|si| 6|	Tz	| 897.3|	| -41.5|	| 0.0|	| 900.1|		
| 6- 1|	|si| 9|	Ty	| 75.8|	| 0.0|	| -211.0|	| 373.2|		
-----							PROGR.	36.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	-11789.7|	-182.7|	-0.4|	1036.1|	-7.9|	727.2|		
| 6- 1|	-12290.6|	5.6|	-0.2|	1000.0|	0.0|	728.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx Si	| 321.6|	| 0.0|	| 0.0|	| 321.6|		
| 5- 1|	|si| 6|	Tz	| 306.5|	| -31.2|	| 0.0|	| 311.2|		
| 6- 1|	|si| 9|	Ty	| 75.6|	| 0.0|	| -158.2|	| 284.3|		
| 6- 1|	|si|11|	Si	| 255.9|	| 0.0|	| -133.3|	| 344.6|		
-----							PROGR.	72.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	10170.1|	57.1|	-0.4|	1036.1|	-5.3|	484.4|		
| 6- 1|	9708.0|	4.3|	-0.2|	997.4|	0.0|	485.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx Si	| 276.5|	| 0.0|	| 0.0|	| 276.5|		
| 5- 1|	|si| 6|	Tz	| -115.3|	| -20.8|	| 0.0|	| 120.8|		
| 6- 1|	|si| 9|	Ty	| 75.4|	| 0.0|	| -105.5|	| 197.7|		
-----							PROGR.	109.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	23330.1|	202.2|	-0.4|	1036.1|	-2.7|	241.7|		
| 6- 1|	22906.8|	3.0|	-0.2|	994.8|	0.0|	242.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx Si	| 541.3|	| 0.0|	| 0.0|	| 541.3|		
| 5- 1|	|si| 6|	Tz	| -368.1|	| -10.5|	| 0.0|	| 368.5|		
| 6- 1|	|si| 9|	Ty	| 75.2|	| 0.0|	| -52.8|	| 118.4|		
-----							PROGR.	145.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	27690.1|	252.8|	-0.4|	1036.1|	-0.1|	-1.1|		
| 12- 6|	5313.2|	-4.5|	-0.2|	454.7|	2.8|	-5.2|		
| 11-12|	4019.2|	1.7|	0.5|	352.9|	0.1|	6.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx Si	| 629.3|	| 0.0|	| 0.0|	| 629.3|		
| 12- 6|	|si| 6|	Tz	| -65.6|	| 0.8|	| 0.0|	| 65.6|		
| 11-12|	|si| 9|	Ty	| 26.7|	| 0.0|	| -1.6|	| 26.8|		
-----							PROGR.	181.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	23250.3|	208.8|	-0.4|	1036.1|	2.5|	-243.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx Si	| 540.5|	| 0.0|	| 0.0|	| 540.5|		
| 5- 1|	|si| 6|	Tz	| -366.8|	| 10.6|	| 0.0|	| 367.2|		
| 5- 1|	|si| 9|	Ty	| 79.9|	| 0.0|	| 53.1|	| 121.9|		
-----							PROGR.	218.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	10010.5|	70.1|	-0.4|	1036.1|	5.1|	-486.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx Si	| 275.0|	| 0.0|	| 0.0|	| 275.0|		
| 5- 1|	|si| 6|	Tz	| -112.7|	| 20.9|	| 0.0|	| 118.3|		
| 5- 1|	|si| 9|	Ty	| 78.8|	| 0.0|	| 105.8|	| 199.5|		
-----							PROGR.	254.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	-12029.1|	-163.2|	-0.4|	1036.1|	7.7|	-729.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx Si	| 323.8|	| 0.0|	| 0.0|	| 323.8|		
| 5- 1|	|si| 6|	Tz	| 310.4|	| 31.2|	| 0.0|	| 315.1|		
| 5- 1|	|si| 9|	Ty	| 77.0|	| 0.0|	| 198.6|	| 285.2|		
| 5- 1|	|si|12|	Si	| 256.0|	| 0.0|	| 133.6|	| 345.1|		
-----							PROGR.	290.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	-42868.6|	-491.1|	-0.4|	1036.1|	10.4|	-972.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx Si	| 942.9|	| 0.0|	| 0.0|	| 942.9|		
| 5- 1|	|si| 6|	Tz	| 902.4|	| 41.5|	| 0.0|	| 905.3|		
| 5- 1|	|si| 9|	Ty	| 74.4|	| 0.0|	| 211.3|	| 373.4|		
-----							PROGR.	0.
VERIFICA STABILITA` :								
|L0 = 290. |								
Z	|Lc = 290. |	Ro = 4.90 |	lm = 59.1 |	Ncr= 78472.0 |	alfa (a) = 0.2100 |	ki = 0.8565 |		
Y	|Lc = 290. |	Ro = 1.45 |	lm = 200.6 |	Ncr= 6820.4 |	alfa (b) = 0.3400 |	ki = 0.1615 |		
Caso12-10 - Nodo 3 - Asse Y								
Ned =	-56.4 |	Mzeq =	-5208.4 |	Myeq =	303.6 |	Ss =	-160.0 (0.061)	
P_IPE120_S009 (9) stato limite ultimo - ASTA (639- 352) 1660								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	| MT |	| N |	| TZ |	| TY |		
| 5- 1|	-42833.8|	-861.6|	0.0|	-1878.8|	-13.4|	1118.7|		
| 6- 1|	-43067.1|	-99.1|	0.0|	-1761.1|	-0.3|	1119.5|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	4|	Sx Si |	-1048.7|	0.0|	0.0|	1048.7|	
| 5- 1|	|si|	6|	Tz |	693.8|	-47.8|	0.0|	698.7|	
| 6- 1|	|si|	9|	Ty |	-133.8|	0.0|	-243.1|	441.9|	
-----								36.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 7- 1|	-5751.7|	-630.2|	0.0|	-1813.4|	-17.7|	782.5|		
| 5- 1|	-6680.0|	-422.7|	0.0|	-1878.8|	-10.8|	876.0|		
| 6- 1|	-6884.1|	-86.8|	0.0|	-1763.7|	-0.3|	876.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 7- 1|	|si|	4|	Sx Si |	-318.3|	0.0|	0.0|	318.3|	
| 5- 1|	|si|	6|	Tz |	-2.0|	-37.5|	0.0|	65.0|	
| 6- 1|	|si|	9|	Ty |	-133.9|	0.0|	-190.4|	356.0|	
| 5- 1|	|si|	13|	Si |	-243.3|	0.0|	-160.2|	369.1|	
-----								72.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	20674.0|	-78.5|	0.0|	-1878.8|	-8.2|	633.2|		
| 6- 1|	20499.0|	-74.4|	0.0|	-1766.3|	-0.3|	634.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	1|	Sx Si |	-540.6|	0.0|	0.0|	540.6|	
| 5- 1|	|si|	6|	Tz |	-528.9|	-27.2|	0.0|	531.0|	
| 6- 1|	|si|	9|	Ty |	-134.0|	0.0|	-137.7|	273.6|	
-----								109.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	39228.0|	171.1|	0.0|	-1878.8|	-5.6|	390.5|		
| 6- 1|	39082.2|	-62.0|	0.0|	-1768.9|	-0.3|	391.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	2|	Sx Si |	-900.9|	0.0|	0.0|	900.9|	
| 5- 1|	|si|	6|	Tz |	-886.8|	-16.8|	0.0|	887.3|	
| 6- 1|	|si|	9|	Ty |	-134.1|	0.0|	-85.0|	199.1|	
-----								145.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	48982.2|	326.1|	0.0|	-1878.8|	-3.0|	147.7|		
| 6- 1|	48865.6|	-49.6|	0.0|	-1771.5|	-0.3|	148.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	2|	Sx Si |	-1102.7|	0.0|	0.0|	1102.7|	
| 5- 1|	|si|	6|	Tz |	-1075.8|	-6.5|	0.0|	1075.8|	
| 6- 1|	|si|	9|	Ty |	-134.2|	0.0|	-32.3|	145.4|	
-----								181.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	49936.5|	386.5|	0.0|	-1878.8|	-0.4|	-95.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	2|	Sx Si |	-1127.6|	0.0|	0.0|	1127.6|	
| 5- 1|	|si|	5|	Tz |	-1070.1|	-3.9|	0.0|	1070.1|	
| 5- 1|	|si|	9|	Ty |	-138.9|	0.0|	20.6|	143.4|	
-----								218.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	42090.9|	352.3|	0.0|	-1878.8|	2.2|	-337.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	2|	Sx Si |	-975.8|	0.0|	0.0|	975.8|	
| 5- 1|	|si|	6|	Tz |	-946.8|	14.1|	0.0|	947.1|	
| 5- 1|	|si|	9|	Ty |	-139.2|	0.0|	73.4|	188.4|	
-----								254.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	25445.4|	223.4|	0.0|	-1878.8|	4.9|	-580.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	2|	Sx Si |	-647.3|	0.0|	0.0|	647.3|	
| 5- 1|	|si|	6|	Tz |	-628.9|	24.5|	0.0|	630.3|	
| 5- 1|	|si|	9|	Ty |	-140.2|	0.0|	126.1|	259.5|	
-----								290.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	0.0|	0.0|	0.0|	-1878.8|	7.5|	-823.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	3|	Sx Si |	-142.0|	0.0|	0.0|	142.0|	
| 5- 1|	|si|	6|	Tz |	-142.0|	34.8|	0.0|	154.2|	
| 5- 1|	|si|	9|	TySi |	-142.0|	0.0|	178.8|	340.7|	

VERIFICA STABILITA` :								
|L0 = 290. |								
Z |	Lc = 290. |	Ro = 4.90 |	lm = 59.1 |	Ncr= 78472.0 |	alfa(a) = 0.2100 |	ki=0.8565 |		
Y |	Lc = 290. |	Ro = 1.45 |	lm = 200.6 |	Ncr= 6820.4 |	alfa(b) = 0.3400 |	ki=0.1615 |		
Caso 5- 1 - Nodo 1 - Asse Y								
Ned = -1878.8 | Mzeq = 37452.4 | Myeq = -646.2 | Ss = -1705.2 (0.651)								
P_IPE120_S009 (9) stato limite ultimo - ASTA (352- 674) 1661								
-----								0.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
11-14	0.0	0.0	2.4	723.0	0.3	160.3		
5- 1	0.0	0.0	10.9	351.5	-8.8	957.6		
6- 1	0.0	0.0	11.0	489.1	0.4	956.5		
TENSIONI (Sz= 0.00) :								

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Caso	Ve No	massimi		Sx		Tz		Ty		Si		
11-14	si 1	Sx		54.6		0.0		0.0		54.6		
5- 1	si 6	Tz		26.6		-45.7		0.0		83.6		
5- 1	si 9	Ty		26.6		0.0		-211.6		367.5		
| 6- 1 |	|si| 9 |	Si	|	37.0	|	0.0	|	-211.5	|	368.1	|	
-----											PROGR.	42.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1 |	34650.1	|	308.7	|	10.9	|	351.5	|	-5.7	|	673.0	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1 |	|si| 4 |	Sx	|	715.2	|	0.0	|	0.0	|	715.2	|	
| 5- 1 |	|si| 6 |	Tz	|	-636.6	|	-33.6	|	0.0	|	639.3	|	
| 5- 1 |	|si| 9 |	Ty	|	29.0	|	0.0	|	-149.8	|	261.1	|	
-----											PROGR.	85.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1 |	57204.3	|	487.3	|	10.9	|	351.5	|	-2.7	|	388.4	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1 |	|si| 4 |	Sx	|	1160.8	|	0.0	|	0.0	|	1160.8	|	
| 5- 1 |	|si| 6 |	Tz	|	-1067.6	|	-21.5	|	0.0	|	1068.2	|	
| 5- 1 |	|si| 9 |	Ty	|	30.4	|	0.0	|	-88.0	|	155.5	|	
-----											PROGR.	128.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1 |	67662.6	|	535.9	|	10.9	|	351.5	|	0.4	|	103.8	|
| 6- 1 |	67525.2	|	-53.1	|	11.0	|	479.9	|	0.4	|	102.7	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1 |	|si| 4 |	Sx	|	1363.5	|	0.0	|	0.0	|	1363.5	|	
| 6- 1 |	|si| 5 |	Tz	|	-1237.9	|	9.6	|	0.0	|	1238.0	|	
| 5- 1 |	|si| 9 |	Ty	|	30.8	|	0.0	|	-26.2	|	54.9	|	
-----											PROGR.	170.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1 |	66025.0	|	454.5	|	10.9	|	351.5	|	3.4	|	-180.8	|
| 6- 1 |	65841.7	|	-70.8	|	11.0	|	476.9	|	0.4	|	-181.9	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1 |	|si| 4 |	Sx	|	1323.2	|	0.0	|	0.0	|	1323.2	|	
| 5- 1 |	|si| 6 |	Tz	|	-1232.7	|	13.2	|	0.0	|	1232.9	|	
| 6- 1 |	|si| 9 |	Ty	|	35.5	|	0.0	|	43.2	|	82.8	|	
-----											PROGR.	212.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1 |	52291.4	|	242.9	|	10.9	|	351.5	|	6.5	|	-465.4	|
| 6- 1 |	52062.3	|	-88.4	|	11.0	|	473.8	|	0.4	|	-466.5	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1 |	|si| 4 |	Sx	|	1040.0	|	0.0	|	0.0	|	1040.0	|	
| 5- 1 |	|si| 6 |	Tz	|	-966.9	|	25.3	|	0.0	|	967.9	|	
| 6- 1 |	|si| 9 |	Ty	|	35.1	|	0.0	|	105.0	|	185.3	|	
-----											PROGR.	255.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1 |	26187.0	|	-106.1	|	11.0	|	470.8	|	0.4	|	-751.1	|
| 5- 1 |	26461.9	|	-98.6	|	10.9	|	351.5	|	9.6	|	-750.1	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 6- 1 |	|si| 3 |	Sx	|	541.3	|	0.0	|	0.0	|	541.3	|	
| 5- 1 |	|si| 6 |	Tz	|	-468.8	|	37.4	|	0.0	|	473.3	|	
| 6- 1 |	|si| 9 |	Ty	|	34.7	|	0.0	|	166.8	|	291.1	|	
-----											PROGR.	298.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1 |	-11463.5	|	-570.2	|	10.9	|	351.5	|	12.6	|	-1034.7	|
| 6- 1 |	-11784.2	|	-123.8	|	11.0	|	467.7	|	0.4	|	-1035.7	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1 |	|si| 2 |	Sx	|	308.5	|	0.0	|	0.0	|	308.5	|	
| 5- 1 |	|si| 6 |	Tz	|	261.5	|	49.5	|	0.0	|	275.2	|	
| 6- 1 |	|si| 9 |	Ty	|	34.4	|	0.0	|	228.7	|	397.5	|	
| 6- 1 |	|si| 10 |	Si	|	36.3	|	0.0	|	228.7	|	397.7	|	
-----											PROGR.	340.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1 |	-61484.9	|	-1171.9	|	10.9	|	351.5	|	15.7	|	-1319.3	|
| 6- 1 |	-61851.4	|	-141.5	|	11.0	|	464.6	|	0.4	|	-1320.4	|
TENSIONI (Sz= 0.00) :												
| Caso |	|Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1 |	|si| 2 |	Sx	|	1320.6	|	0.0	|	0.0	|	1320.6	|	
| 5- 1 |	|si| 6 |	Tz	|	1224.1	|	61.6	|	0.0	|	1228.7	|	
| 6- 1 |	|si| 9 |	Ty	|	34.0	|	0.0	|	290.5	|	504.3	|	
-----											PROGR.	0.
VERIFICA STABILITA` :												
|L0 = 340. |												
Z	|Lc = 340. |	Ro = 4.90 |	lm = 69.3 |	Ncr = 57089.0 |	alfa(a) = 0.2100 |	ki = 0.7966 |						
Y	|Lc = 340. |	Ro = 1.45 |	lm = 235.1 |	Ncr = 4961.9 |	alfa(b) = 0.3400 |	ki = 0.1204 |						
Caso11- 3 - Nodo 2 - Asse Y												
Ned =	-480.1 |	Mzeq = 8964.6 |	Myeq = 44.7 |	Ss = -477.3 |	( 0.182)							
P_IPE120_S009 (9) stato limite ultimo - ASTA (674- 675) 1662												
-----											PROGR.	0.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1 |	-61525.4	|	-685.3	|	-0.7	|	1823.4	|	-12.2	|	1130.3	|
6- 1	-61889.3		15.5		-0.6		1944.0		0.1		1130.8	

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | 1376.3| 0.0| 0.0| 1376.3|
| 5- 1| |si| 6| Tz | 1319.9| -48.4| 0.0| 1322.6|
| 6- 1| |si| 9| Ty | 147.0| 0.0| -245.8| 450.4|
-----
PROGR. 42.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -19534.9| -231.7| -0.7| 1823.4| -9.1| 845.7|
| 6- 1| -19877.6| 12.5| -0.6| 1940.9| 0.1| 846.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | 532.7| 0.0| 0.0| 532.7|
| 5- 1| |si| 6| Tz | 513.6| -36.3| 0.0| 517.4|
| 6- 1| |si| 9| Ty | 146.7| 0.0| -184.0| 350.8|
-----
PROGR. 85.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 10359.7| 91.9| -0.7| 1823.4| -6.1| 561.1|
| 6- 1| 10038.2| 9.5| -0.6| 1937.8| 0.1| 561.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx | Si | 343.6| 0.0| 0.0| 343.6|
| 5- 1| |si| 6| Tz | -60.5| -24.2| 0.0| 73.6|
| 6- 1| |si| 9| Ty | 146.5| 0.0| -122.2| 257.3|
-----
PROGR. 128.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 28158.3| 285.3| -0.7| 1823.4| -3.0| 276.5|
| 6- 1| 27858.0| 6.4| -0.6| 1934.8| 0.1| 277.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx | Si | 701.4| 0.0| 0.0| 701.4|
| 5- 1| |si| 6| Tz | -402.3| -12.1| 0.0| 402.9|
| 6- 1| |si| 9| Ty | 146.2| 0.0| -60.3| 179.7|
-----
PROGR. 170.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 33861.0| 348.8| -0.7| 1823.4| 0.0| -8.1|
| 12- 6| 6296.0| 1.2| -0.2| 751.2| 2.4| -5.4|
| 7- 1| 30642.5| 578.7| -0.8| 1608.5| 0.1| -8.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx | Si | 816.1| 0.0| 0.0| 816.1|
| 12- 6| |si| 6| Tz | -61.9| 0.7| 0.0| 61.9|
| 7- 1| |si| 9| Ty | 126.1| 0.0| 2.1| 126.2|
-----
PROGR. 212.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 27467.8| 282.1| -0.7| 1823.4| 3.1| -292.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx | Si | 688.0| 0.0| 0.0| 688.0|
| 5- 1| |si| 6| Tz | -389.2| 12.8| 0.0| 389.8|
| 5- 1| |si| 9| Ty | 140.0| 0.0| 63.8| 178.4|
-----
PROGR. 255.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 8978.7| 85.5| -0.7| 1823.4| 6.2| -577.3|
| 6- 1| 8741.9| -2.7| -0.6| 1925.6| 0.1| -576.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 4|Sx | Si | 316.8| 0.0| 0.0| 316.8|
| 5- 1| |si| 6| Tz | -34.3| 24.9| 0.0| 55.1|
| 5- 1| |si| 9| Ty | 138.4| 0.0| 125.6| 257.9|
| 6- 1| |si| 14| Si | 273.7| 0.0| 105.7| 329.3|
-----
PROGR. 298.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -21606.3| -241.3| -0.7| 1823.4| 9.2| -862.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | 572.8| 0.0| 0.0| 572.8|
| 5- 1| |si| 6| Tz | 552.9| 37.0| 0.0| 556.6|
| 5- 1| |si| 9| Ty | 135.8| 0.0| 187.4| 351.9|
-----
PROGR. 340.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -64287.3| -698.0| -0.7| 1823.4| 12.3| -1146.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | | |
| 5- 1| |si| 2|Sx | Si | 1429.9| 0.0| 0.0| 1429.9|
| 5- 1| |si| 6| Tz | 1372.4| 49.1| 0.0| 1375.0|
| 5- 1| |si| 9| Ty | 132.2| 0.0| 249.2| 451.5|
-----
PROGR. 0.

VERIFICA STABILITA` :
|L0 = 340. |
Z |Lc = 340. |Ro = 4.90 |lm = 69.3 |Ncr= 57089.0 |alfa(a)=0.2100 |ki=0.7966|
Y |Lc = 340. |Ro = 1.45 |lm = 235.1 |Ncr= 4961.9 |alfa(b)=0.3400 |ki=0.1204|
Caso12- 9 - Nodo 3 - Asse Y
Ned = -72.0 |Mzeq = -7686.6 |Myeq = 290.6 |Ss = -224.3 ( 0.086)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 675- 370) 1663
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -64246.4| -1135.4| 0.0| -2261.4| -15.6| 1327.4|
| 6- 1| -64444.3| -101.8| 0.0| -2041.9| -0.3| 1328.0|

```

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -1512.8| 0.0| 0.0| 1512.8|
| 5- 1|si| 6| Tz | | 1077.5| -56.7| 0.0| 1082.0|
| 6- 1|si| 9| Ty | | -155.1| 0.0| -288.4| 523.1|
-----
PROGR. 42.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -13879.8| -538.3| 0.0| -2261.4| -12.5| 1042.8|
| 6- 1| -14053.0| -89.1| 0.0| -2044.9| -0.3| 1043.4|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | | -494.7| 0.0| 0.0| 494.7|
| 5- 1|si| 6| Tz | | 108.6| -44.6| 0.0| 133.2|
| 6- 1|si| 9| Ty | | -155.2| 0.0| -226.6| 422.1|
| 5- 1|si|13| Si | | -378.7| 0.0| -190.8| 502.6|
-----
PROGR. 85.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 24390.8| -71.3| 0.0| -2261.4| -9.5| 758.2|
| 6- 1| 24242.3| -76.4| 0.0| -2048.0| -0.3| 758.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -638.7| 0.0| 0.0| 638.7|
| 5- 1|si| 6| Tz | | -628.1| -32.5| 0.0| 630.6|
| 6- 1|si| 9| Ty | | -155.3| 0.0| -164.8| 325.0|
-----
PROGR. 128.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 50565.4| 265.7| 0.0| -2261.4| -6.4| 473.6|
| 6- 1| 50441.8| -63.6| 0.0| -2051.0| -0.3| 474.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1154.4| 0.0| 0.0| 1154.4|
| 5- 1|si| 6| Tz | | -1132.5| -20.4| 0.0| 1133.1|
| 6- 1|si| 9| Ty | | -155.5| 0.0| -103.0| 236.6|
-----
PROGR. 170.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 64644.2| 472.7| 0.0| -2261.4| -3.3| 189.0|
| 6- 1| 64545.2| -50.9| 0.0| -2054.1| -0.3| 189.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1443.6| 0.0| 0.0| 1443.6|
| 5- 1|si| 6| Tz | | -1404.7| -8.3| 0.0| 1404.8|
| 6- 1|si| 9| Ty | | -155.6| 0.0| -41.2| 171.2|
-----
PROGR. 212.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 66627.0| 549.6| 0.0| -2261.4| -0.3| -95.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1489.9| 0.0| 0.0| 1489.9|
| 5- 1|si| 5| Tz | | -1408.1| -3.9| 0.0| 1408.1|
| 5- 1|si| 9| Ty | | -166.5| 0.0| 20.8| 170.3|
-----
PROGR. 255.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 56513.9| 496.4| 0.0| -2261.4| 2.8| -380.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1293.2| 0.0| 0.0| 1293.2|
| 5- 1|si| 6| Tz | | -1252.3| 16.0| 0.0| 1252.6|
| 5- 1|si| 9| Ty | | -166.9| 0.0| 82.6| 219.8|
-----
PROGR. 298.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 34304.9| 313.2| 0.0| -2261.4| 5.8| -664.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -853.5| 0.0| 0.0| 853.5|
| 5- 1|si| 6| Tz | | -827.7| 28.1| 0.0| 829.1|
| 5- 1|si| 9| Ty | | -168.4| 0.0| 144.4| 301.5|
-----
PROGR. 340.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2261.4| 8.9| -949.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | | -170.9| 0.0| 0.0| 170.9|
| 5- 1|si| 6| Tz | | -170.9| 40.2| 0.0| 184.5|
| 5- 1|si| 9| TySi | | -170.9| 0.0| 206.2| 395.9|
-----
PROGR. 0.

VERIFICA STABILITA` :

|L0 = 340. |
Z |Lc = 340. |Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
Y |Lc = 340. |Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -2261.4|Mzeq = 49970.3|Myeq = -851.6|Ss = -2580.4 ( 0.985)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 370- 717) 1664
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 10.3| -1557.2| -8.0| 895.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | | -117.7| 0.0| 0.0| 117.7|

```

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6|	Tz	| -117.7|	-42.8|	0.0|	139.0|	
| 5- 1|si| 9|	TySi	| -117.7|	0.0|	-197.9|	362.4|	

PROGR. 40.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	30262.3|	261.3|	10.3|	-1557.2|	-5.2|	629.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	Si	| -718.1|	0.0|	0.0|	718.1|
| 5- 1|si| 6|	Tz	| -696.6|	-31.5|	0.0|	698.7|
| 5- 1|si| 9|	Ty	| -115.6|	0.0|	-140.1|	268.8|

PROGR. 79.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	49970.1|	409.0|	10.3|	-1557.2|	-2.3|	363.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	Si	| -1106.6|	0.0|	0.0|	1106.6|
| 5- 1|si| 6|	Tz	| -1072.9|	-20.2|	0.0|	1073.4|
| 5- 1|si| 9|	Ty	| -114.4|	0.0|	-82.4|	182.9|

PROGR. 119.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	59123.2|	443.3|	10.3|	-1557.2|	0.6|	97.6|
| 6- 1|	58965.2|	-66.9|	10.4|	-1328.2|	0.6|	96.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	Si	| -1283.0|	0.0|	0.0|	1283.0|
| 6- 1|si| 5|	Tz	| -1213.7|	9.1|	0.0|	1213.8|
| 5- 1|si| 9|	Ty	| -114.1|	0.0|	-24.7|	121.9|

PROGR. 159.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	57721.7|	364.2|	10.3|	-1557.2|	3.4|	-168.2|
| 6- 1|	57511.1|	-89.2|	10.4|	-1331.0|	0.6|	-169.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	Si	| -1247.4|	0.0|	0.0|	1247.4|
| 5- 1|si| 6|	Tz	| -1217.4|	12.4|	0.0|	1217.6|
| 6- 1|si| 9|	Ty	| -101.3|	0.0|	40.3|	123.0|

PROGR. 199.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	45765.6|	171.5|	10.3|	-1557.2|	6.3|	-434.1|
| 6- 1|	45502.3|	-111.5|	10.4|	-1333.9|	0.6|	-435.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	Si	| -999.9|	0.0|	0.0|	999.9|
| 5- 1|si| 6|	Tz	| -985.7|	23.7|	0.0|	986.6|
| 6- 1|si| 9|	Ty	| -101.7|	0.0|	98.1|	198.0|

PROGR. 238.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	23254.9|	-134.6|	10.3|	-1557.2|	9.1|	-699.9|
| 6- 1|	22938.9|	-133.8|	10.4|	-1336.8|	0.6|	-701.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 1|Sx	Si	| -571.4|	0.0|	0.0|	571.4|
| 5- 1|si| 6|	Tz	| -551.4|	35.0|	0.0|	554.7|
| 6- 1|si| 9|	Ty	| -102.1|	0.0|	155.8|	288.5|

PROGR. 278.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	-9810.4|	-554.2|	10.3|	-1557.2|	12.0|	-965.8|
| 6- 1|	-10179.0|	-156.1|	10.4|	-1339.6|	0.6|	-967.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 4|Sx	Si	| -366.6|	0.0|	0.0|	366.6|
| 5- 1|si| 6|	Tz	| 85.6|	46.3|	0.0|	117.3|
| 6- 1|si| 9|	Ty	| -102.5|	0.0|	213.6|	383.8|
| 5- 1|si|13|	Si	| -265.9|	0.0|	180.1|	410.0|

PROGR. 318.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	-53430.3|	-1087.3|	10.3|	-1557.2|	14.9|	-1231.7|
| 6- 1|	-53851.6|	-178.4|	10.4|	-1342.5|	0.6|	-1233.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 4|Sx	Si	| -1250.2|	0.0|	0.0|	1250.2|
| 5- 1|si| 6|	Tz	| 925.3|	57.6|	0.0|	930.7|
| 6- 1|si| 9|	Ty	| -102.8|	0.0|	271.3|	481.0|

VERIFICA STABILITA` :

$L0 = 318.1$
 $Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr = 65425.9|alfa(a) = 0.2100|ki = 0.8251|$
 $Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr = 5686.5|alfa(b) = 0.3400|ki = 0.1366|$
 Caso 5- 1 - Nodo 1 - Asse Y
 $Ned = -1557.2 |Mzeq = 44342.4 |Myeq = -815.5 |Ss = -1846.8 (0.705)$

$P_{IPE120_S009} (9) \text{ stato limite ultimo - ASTA } (717- 718) \text{ } 1665$
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1|	-53459.9|	-460.5|	0.6|	-517.8|	-10.6|	1091.4|
| 6- 1|	-53878.3|	132.9|	0.7|	-248.6|	0.8|	1093.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	
| 5- 1|si| 4|Sx	Si	| -1099.7|	0.0|	0.0|	1099.7|

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6| Tz	| 983.6|	-46.5|	0.0|	986.9|
| 6- 1|si| 9| Ty	| -17.7|	0.0|	-237.6|	412.0|

----- PROGR. 40.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| -15407.7|	-97.2|	0.6|	-517.8|	-7.7|	825.6|
| 6- 1| -15760.2|	102.1|	0.7|	-251.4|	0.8|	827.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 4|Sx	| -340.7|	0.0|	0.0|	340.7|
| 5- 1|si| 6| Tz	| 254.4|	-35.2|	0.0|	261.7|
| 6- 1|si| 9| Ty	| -18.2|	0.0|	-179.9|	312.1|
| 5- 1|si|13| Si	| -265.9|	0.0|	-151.2|	373.2|

----- PROGR. 79.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| 12089.9|	152.7|	0.6|	-517.8|	-4.9|	559.7|
| 6- 1| 11803.4|	71.3|	0.7|	-254.3|	0.8|	561.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	| -284.6|	0.0|	0.0|	284.6|
| 5- 1|si| 6| Tz	| -272.0|	-23.9|	0.0|	275.1|
| 6- 1|si| 9| Ty	| -18.6|	0.0|	-122.2|	212.4|

----- PROGR. 119.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| 29032.9|	289.1|	0.6|	-517.8|	-2.0|	293.8|
| 6- 1| 28812.3|	40.6|	0.7|	-257.1|	0.8|	295.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	| -619.6|	0.0|	0.0|	619.6|
| 5- 1|si| 6| Tz	| -595.8|	-12.6|	0.0|	596.2|
| 6- 1|si| 9| Ty	| -19.1|	0.0|	-64.4|	113.2|

----- PROGR. 159.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| 35421.3|	312.0|	0.6|	-517.8|	0.9|	28.0|
| 6- 1| 35266.6|	9.8|	0.7|	-260.0|	0.8|	29.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	| -742.7|	0.0|	0.0|	742.7|
| 6- 1|si| 5| Tz	| -683.9|	1.7|	0.0|	683.9|
| 6- 1|si| 9| Ty	| -19.6|	0.0|	-6.7|	22.7|

----- PROGR. 198.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| 31255.0|	221.5|	0.6|	-517.8|	3.7|	-237.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	| -653.7|	0.0|	0.0|	653.7|
| 5- 1|si| 6| Tz	| -635.4|	10.6|	0.0|	635.7|
| 5- 1|si| 9| Ty	| -37.4|	0.0|	51.9|	97.3|

----- PROGR. 238.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| 16534.2|	17.4|	0.6|	-517.8|	6.6|	-503.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	| -352.7|	0.0|	0.0|	352.7|
| 5- 1|si| 6| Tz	| -351.3|	21.9|	0.0|	353.3|
| 5- 1|si| 9| Ty	| -39.0|	0.0|	109.6|	193.8|

----- PROGR. 278.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| -8741.3|	-300.1|	0.6|	-517.8|	9.4|	-769.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 4|Sx	| -238.5|	0.0|	0.0|	238.5|
| 5- 1|si| 6| Tz	| 135.6|	33.2|	0.0|	147.3|
| 5- 1|si| 9| Ty	| -41.5|	0.0|	167.3|	292.8|
| 5- 1|si|13| Si	| -169.7|	0.0|	141.0|	297.4|

----- PROGR. 318.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| -44571.4|	-731.1|	0.6|	-517.8|	12.3|	-1035.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 4|Sx	| -963.5|	0.0|	0.0|	963.5|
| 5- 1|si| 6| Tz	| 825.1|	44.5|	0.0|	828.7|
| 5- 1|si| 9| Ty	| -44.9|	0.0|	225.1|	392.4|

VERIFICA STABILITA` :

|L0 = 318. |
 Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|
 Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
 Caso 5- 1 - Nodo 4 - Asse Y
 Ned = -517.8|Mzeq = -40094.9|Myeq = -548.3|Ss = -1117.6 (0.427)

P_IPE120_S009 (9) stato limite ultimo - ASTA (718- 719) 1666
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso | MZ	| MY	| MT	| N	| TZ	| TY
| 5- 1| -44565.2|	-569.2|	-2.2|	3288.7|	-11.3|	1069.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx	| Tz	| Ty	| Si	
| 5- 1|si| 2|Sx	| 1154.1|	0.0|	0.0|	1154.1|
| 5- 1|si| 6| Tz	| 1107.2|	-46.5|	0.0|	1110.1|
| 5- 1|si| 9| Ty	| 244.0|	0.0|	-233.0|	471.5|

Copertura area carburante - Relazione di calcolo

----- PROGR. 40.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	-7388.4	-177.8	-2.2	3288.7	-8.4	803.5	
| 6- 1 |	-7371.1	0.0	-2.1	3381.7	-0.1	801.2	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 2|Sx	408.3	0.0	0.0	408.3		
| 5- 1 |	si| 6| Tz	393.6	-35.2	0.0	398.3		
| 5- 1 |	si| 9| Ty	247.1	0.0	-175.2	391.4		
| 6- 1 |	si|12| Si	363.6	0.0	-147.3	444.2		
----- PROGR. 79.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	19233.8	100.1	-2.2	3288.7	-5.6	537.7	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 4|Sx	622.5	0.0	0.0	622.5		
| 5- 1 |	si| 6| Tz	-117.3	-23.9	0.0	124.4		
| 5- 1 |	si| 9| Ty	249.3	0.0	-117.5	321.8		
----- PROGR. 119.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	35301.4	264.6	-2.2	3288.7	-2.7	271.8	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 4|Sx	944.3	0.0	0.0	944.3		
| 5- 1 |	si| 6| Tz	-425.5	-12.6	0.0	426.1		
| 5- 1 |	si| 9| Ty	250.6	0.0	-59.8	271.1		
----- PROGR. 159.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	40814.3	315.5	-2.2	3288.7	0.1	5.9	
| 7- 1 |	36704.8	515.4	-2.0	3201.5	0.5	6.6	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 4|Sx	1054.0	0.0	0.0	1054.0		
| 7- 1 |	si| 5| Tz	-432.6	1.3	0.0	432.6		
| 7- 1 |	si| 9| Ty	246.0	0.0	-2.1	246.0		
----- PROGR. 199.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	35772.7	253.0	-2.2	3288.7	3.0	-259.9	
| 6- 1 |	35423.9	17.3	-2.1	3370.2	-0.1	-262.2	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 4|Sx	951.8	0.0	0.0	951.8		
| 5- 1 |	si| 6| Tz	-434.0	12.1	0.0	434.5		
| 6- 1 |	si| 9| Ty	254.8	0.0	57.7	273.7		
----- PROGR. 238.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	20176.5	77.0	-2.2	3288.7	5.9	-525.8	
| 6- 1 |	19736.1	21.7	-2.1	3367.4	-0.1	-528.1	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 4|Sx	637.6	0.0	0.0	637.6		
| 5- 1 |	si| 6| Tz	-134.3	23.5	0.0	140.3		
| 6- 1 |	si| 9| Ty	254.6	0.0	115.4	323.7		
----- PROGR. 278.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	-5974.4	-212.5	-2.2	3288.7	8.7	-791.6	
| 6- 1 |	-6506.2	26.0	-2.1	3364.5	-0.1	-793.9	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 2|Sx	385.6	0.0	0.0	385.6		
| 5- 1 |	si| 6| Tz	368.1	34.8	0.0	373.0		
| 6- 1 |	si| 9| Ty	254.4	0.0	173.1	393.3		
| 6- 1 |	si|11| Si	349.8	0.0	146.0	431.6		
----- PROGR. 318.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	-42679.9	-615.4	-2.2	3288.7	11.6	-1057.5	
| 6- 1 |	-43303.2	30.4	-2.1	3361.7	-0.1	-1059.8	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 2|Sx	1123.9	0.0	0.0	1123.9		
| 5- 1 |	si| 6| Tz	1073.2	46.1	0.0	1076.1		
| 6- 1 |	si| 9| Ty	254.2	0.0	230.9	473.9		

VERIFICA STABILITA` :							
|L0 = 318. |							
Z	|Lc = 318. |	Ro = 4.90 |	lm = 64.8 |	Ncr= 65425.9 |	alfa(a) = 0.2100 |	ki = 0.8251 |	
Y	|Lc = 318. |	Ro = 1.45 |	lm = 219.6 |	Ncr= 5686.5 |	alfa(b) = 0.3400 |	ki = 0.1366 |	
Caso12-11 - Nodo 2 - Asse Y							
Ned = -1374.0 | Mzeq = 6356.6 | Myeq = 367.4 | Ss = -938.1 (0.358)							
P_IPE120_S009 (9) stato limite ultimo - ASTA (719- 388) 1667							
----- PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	-42630.1	-1138.8	0.0	3171.5	-15.0	1196.5	
| 6- 1 |	-43256.2	-241.2	0.0	3389.7	-0.8	1198.5	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	si| 2|Sx	1174.6	0.0	0.0	1174.6		
| 5- 1 |	si| 6| Tz	1080.8	-51.3	0.0	1084.4		

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9|	Ty	254.2|	0.0|	-260.3|	517.5|		

PROGR. 40.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	-40.3|	-830.2|	0.0|	3020.3|	-19.6|	831.3|	
| 5- 1|	-453.2|	-600.3|	0.0|	3171.5|	-12.2|	931.0|	
| 6- 1|	-1001.0|	-211.0|	0.0|	3386.9|	-0.8|	932.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|si| 2|Sx	325.0|	0.0|	0.0|	325.0|			
| 5- 1|si| 6| Tz	268.1|	-40.0|	0.0|	276.9|			
| 6- 1|si| 9| Ty	254.2|	0.0|	-202.6|	433.3|			
| 6- 1|si| 10| Si	257.6|	0.0|	-202.6|	435.3|			

PROGR. 79.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	30726.1|	-180.9|	0.0|	3384.0|	-0.8|	667.4|	
| 5- 1|	31195.7|	-174.9|	0.0|	3171.5|	-9.3|	665.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	855.6|	0.0|	0.0|	855.6|			
| 5- 1|si| 6| Tz	-342.4|	-28.7|	0.0|	346.0|			
| 6- 1|si| 9| Ty	254.2|	0.0|	-144.9|	357.3|			

PROGR. 119.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	51925.2|	-150.7|	0.0|	3381.2|	-0.8|	401.9|	
| 5- 1|	52316.5|	137.2|	0.0|	3171.5|	-6.4|	399.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	1251.3|	0.0|	0.0|	1251.3|			
| 5- 1|si| 6| Tz	-750.8|	-17.4|	0.0|	751.4|			
| 6- 1|si| 9| Ty	254.3|	0.0|	-87.3|	295.8|			

PROGR. 159.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	62909.3|	336.1|	0.0|	3171.5|	-3.6|	134.4|	
| 6- 1|	62596.2|	-120.6|	0.0|	3378.3|	-0.8|	136.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	1463.9|	0.0|	0.0|	1463.9|			
| 5- 1|si| 6| Tz	-957.0|	-6.1|	0.0|	957.0|			
| 6- 1|si| 9| Ty	254.3|	0.0|	-29.6|	259.4|			

PROGR. 198.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	62974.0|	421.9|	0.0|	3171.5|	-0.7|	-131.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	1475.1|	0.0|	0.0|	1475.1|			
| 5- 1|si| 5| Tz	-933.0|	-5.5|	0.0|	933.0|			
| 5- 1|si| 9| Ty	243.0|	0.0|	28.5|	247.9|			

PROGR. 238.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	52510.7|	394.5|	0.0|	3171.5|	2.1|	-396.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	1274.7|	0.0|	0.0|	1274.7|			
| 5- 1|si| 6| Tz	-763.0|	16.5|	0.0|	763.5|			
| 5- 1|si| 9| Ty	242.8|	0.0|	86.1|	284.9|			

PROGR. 278.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	31519.4|	253.8|	0.0|	3171.5|	5.0|	-662.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	862.9|	0.0|	0.0|	862.9|			
| 5- 1|si| 6| Tz	-362.7|	27.8|	0.0|	365.9|			
| 5- 1|si| 9| Ty	241.6|	0.0|	143.8|	347.0|			

PROGR. 317.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	0.0|	0.0|	0.0|	3366.9|	-0.8|	-925.7|	
| 5- 1|	0.0|	0.0|	0.0|	3171.5|	7.8|	-927.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	254.4|	0.0|	0.0|	254.4|			
| 5- 1|si| 6| Tz	239.6|	39.1|	0.0|	249.0|			
| 5- 1|si| 9| Ty	239.6|	0.0|	201.5|	423.3|			
| 6- 1|si| 9| Si	254.4|	0.0|	201.0|	431.2|			

VERIFICA STABILITA` :							
|L0 =	317.1|						
Z |Lc =	317.1|Ro = 4.90|lm = 64.7|Ncr=	65591.0|alfa(a)=0.2100|ki=0.8256|					
Y |Lc =	317.1|Ro = 1.45|lm = 219.4|Ncr=	5700.9|alfa(b)=0.3400|ki=0.1370|					
Casol2-11 - Nodo 1 - Asse Y							
Ned =	-962.6|Mzeq =	8829.9|Myeq =	-170.8|Ss =	-723.7 (0.276)			
P_IPE120_S009 (9)		stato limite ultimo - ASTA (10- 531)	1870				

PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	0.0|	0.0|	-1.6|	3211.8|	0.5|	863.2|	
| 5- 1|	0.0|	0.0|	-2.3|	2876.5|	-7.1|	863.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	242.7|	0.0|	0.0|	242.7|			

Copertura area carburante - Relazione di calcolo

5-1	|si| 6	Tz	217.3	-37.5	0.0	226.8		
5-1	|si| 9	Ty	217.3	0.0	-188.2	391.8		
6-1	|si| 9	Si	242.7	0.0	-188.0	406.1		

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
6-1	26109.9	-17.8	-1.6	3209.3	0.5	628.8		
5-1	26108.2	205.3	-2.3	2876.5	-4.6	628.8		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si| 3|Sx	Si	736.5	0.0	0.0	736.5		
5-1	|si| 6	Tz	-281.5	-27.5	0.0	285.5		
5-1	|si| 9	Ty	219.0	0.0	-137.3	323.3		

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
5-1	44013.0	322.4	-2.3	2876.5	-2.1	394.4		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
5-1	|si| 4|Sx	Si	1084.0	0.0	0.0	1084.0		
5-1	|si| 6	Tz	-622.7	-17.5	0.0	623.5		
5-1	|si| 9	Ty	219.9	0.0	-86.4	266.0		

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
5-1	53714.4	351.3	-2.3	2876.5	0.4	160.0		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
5-1	|si| 4|Sx	Si	1270.1	0.0	0.0	1270.1		
5-1	|si| 5	Tz	-783.1	7.7	0.0	783.3		
5-1	|si| 9	Ty	220.1	0.0	-35.5	228.6		

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
5-1	55212.2	292.0	-2.3	2876.5	3.0	-74.4		
7-1	49572.6	542.4	-2.6	2429.7	4.5	-65.1		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
5-1	|si| 4|Sx	Si	1291.5	0.0	0.0	1291.5		
7-1	|si| 6	Tz	-768.6	4.7	0.0	768.6		
5-1	|si| 9	Ty	219.7	0.0	16.9	221.6		

----- PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
6-1	48515.0	-89.0	-1.6	3199.2	0.5	-308.7		
5-1	48506.6	144.4	-2.3	2876.5	5.5	-308.8		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si| 3|Sx	Si	1166.2	0.0	0.0	1166.2		
5-1	|si| 6	Tz	-701.5	14.6	0.0	702.0		
5-1	|si| 9	Ty	218.5	0.0	67.8	248.1		

----- PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
6-1	33607.6	-106.8	-1.6	3196.7	0.5	-543.1		
5-1	33597.5	-91.3	-2.3	2876.5	8.0	-543.2		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si| 3|Sx	Si	887.2	0.0	0.0	887.2		
5-1	|si| 6	Tz	-412.7	24.6	0.0	414.9		
5-1	|si| 9	Ty	216.6	0.0	118.7	298.7		

----- PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
5-1	10485.0	-415.2	-2.3	2876.5	10.5	-777.6		
6-1	10496.7	-124.6	-1.6	3194.2	0.5	-777.5		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
5-1	|si| 3|Sx	Si	462.9	0.0	0.0	462.9		
5-1	|si| 6	Tz	33.6	34.5	0.0	68.6		
5-1	|si| 9	Ty	214.0	0.0	169.6	363.5		
6-1	|si| 14	Si	396.3	0.0	142.8	467.1		

----- PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
5-1	-20831.0	-827.3	-2.3	2876.5	13.0	-1011.9		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
5-1	|si| 2|Sx	Si	705.5	0.0	0.0	705.5		
5-1	|si| 6	Tz	637.4	44.5	0.0	642.0		
5-1	|si| 9	Ty	210.8	0.0	220.5	436.3		

VERIFICA STABILITA` :

|L0 = 280.0
 Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso12-9 - Nodo 2 - Asse Y
 Ned = -675.9|Mzeq = 7460.6|Myeq = 17.4|Ss = -440.6 (0.168)

P_IPE120_S009 (9) stato limite ultimo - ASTA (531- 532) 1872

----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY		
6-1	-20868.4	454.1	0.5	777.0	3.2	885.3		
5-1	-20881.9	-109.7	0.5	476.8	-7.6	885.2		

TENSIONI (Sz= 0.00) :

Caso	|Ve|No|massimi	Sx	Tz	Ty	Si			
6-1	|si| 1|Sx	Si	504.4	0.0	0.0	504.4		

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6|	Tz	|	433.2|	-37.6|	0.0|	438.0|		
| 6- 1|si| 9|	Ty	|	62.3|	0.0|	-192.5|	339.1|		
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12- 1|	2997.9|		-334.9|		0.2|		1829.4|	
| 5- 1|	6000.0|		110.7|		0.5|		476.8|	
| 6- 1|	6016.6|		342.8|		0.5|		774.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 12- 1|si| 3|	Sx	|	233.4|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	-80.7|		-27.6|		0.0|	
| 6- 1|si| 9|	Ty	|	61.2|		0.0|		-141.5|	
| 6- 1|si|13|	Si	|	149.5|		0.0|		-119.3|	
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	24698.3|		231.6|		0.5|		772.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 6- 1|si| 4|	Sx	|	550.5|		0.0|		0.0|	
| 6- 1|si| 5|	Tz	|	-399.4|		17.7|		0.0|	
| 6- 1|si| 9|	Ty	|	60.2|		0.0|		-90.6|	
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	35176.4|		120.3|		0.5|		769.5|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 6- 1|si| 4|	Sx	|	734.9|		0.0|		0.0|	
| 6- 1|si| 5|	Tz	|	-600.7|		8.2|		0.0|	
| 6- 1|si| 9|	Ty	|	59.1|		0.0|		-39.7|	
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	37424.7|		242.7|		0.5|		476.8|	
| 6- 1|	37451.1|		9.1|		0.5|		767.0|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 4|	Sx	|	769.3|		0.0|		0.0|	
| 6- 1|si| 6|	Tz	|	-648.1|		2.9|		0.0|	
| 5- 1|si| 9|	Ty	|	38.0|		0.0|		11.5|	
-----							PROGR.	175.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	31522.3|		-102.1|		0.5|		764.4|	
| 5- 1|	31492.7|		110.3|		0.5|		476.8|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 6- 1|si| 3|	Sx	|	663.6|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	-561.1|		12.8|		0.0|	
| 5- 1|si| 9|	Ty	|	36.9|		0.0|		62.4|	
-----							PROGR.	210.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	17390.1|		-213.4|		0.5|		761.9|	
| 5- 1|	17357.2|		-110.3|		0.5|		476.8|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 6- 1|si| 3|	Sx	|	409.9|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	-287.4|		22.7|		0.0|	
| 5- 1|si| 9|	Ty	|	35.1|		0.0|		113.3|	
-----							PROGR.	245.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 12-16|	-701.3|		-489.8|		0.1|		-1655.6|	
| 5- 1|	-4981.8|		-419.1|		0.5|		476.8|	
| 6- 1|	-4945.6|		-324.6|		0.5|		759.4|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 12-16|si| 4|	Sx	|	-194.9|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	143.8|		32.7|		0.0|	
| 5- 1|si| 9|	Ty	|	32.7|		0.0|		164.2|	
| 6- 1|si|10|	Si	|	60.0|		0.0|		164.2|	
-----							PROGR.	280.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 5- 1|	-35524.2|		-816.1|		0.5|		476.8|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|
| 5- 1|si| 2|	Sx	|	799.8|		0.0|		0.0|	
| 5- 1|si| 6|	Tz	|	732.6|		42.7|		0.0|	
| 5- 1|si| 9|	Ty	|	29.5|		0.0|		215.1|	
-----							PROGR.	0.
VERIFICA STABILITA` :								
|L0 = 280. |								
Z	|Lc = 280. |	Ro = 4.90|	lm = 57.1|	Ncr= 84177.2|	alfa(a) = 0.2100|	ki=0.8668|		
Y	|Lc = 280. |	Ro = 1.45|	lm = 193.6|	Ncr= 7316.3|	alfa(b) = 0.3400|	ki=0.1722|		
Caso12-16 - Nodo 2 - Asse Y								
Ned =	-1655.6|	Mzeq =	4791.3|	Myeq =	498.9|	Ss =	-893.2 (0.341)	
P_IPE120_S009 (9) stato limite ultimo - ASTA (532- 533) 1874								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	|	MY	|	MT	|	N	|
| 6- 1|	-35484.6|		372.2|		0.2|		703.6|	
| 5- 1|	-35523.2|		-158.2|		0.3|		451.8|	
TENSIONI (Sz= 0.00) :								
| 6- 1|	-35484.6|		372.2|		0.2|		703.6|	
| 5- 1|	-35523.2|		-158.2|		0.3|		451.8|	

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	1|	Sx Si |	764.9|	0.0|	0.0|	764.9|	
| 5- 1|	|si|	6|	Tz |	708.8|	-39.7|	0.0|	712.1|	
| 6- 1|	|si|	9|	Ty |	56.1|	0.0|	-203.9|	357.6|	
-----								35.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	-6738.6|	278.7|	0.2|	701.1|	2.7|	704.1|		
| 5- 1|	-6791.0|	71.8|	0.3|	451.8|	-5.3|	703.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	1|	Sx Si |	212.2|	0.0|	0.0|	212.2|	
| 5- 1|	|si|	6|	Tz |	159.7|	-29.7|	0.0|	167.8|	
| 6- 1|	|si|	9|	Ty |	55.2|	0.0|	-153.0|	270.7|	
| 6- 1|	|si|	11|	Si |	154.0|	0.0|	-128.9|	271.2|	
-----								70.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	13803.9|	185.2|	0.2|	698.6|	2.7|	469.7|		
| 5- 1|	13737.7|	213.5|	0.3|	451.8|	-2.8|	469.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	4|	Sx Si |	334.3|	0.0|	0.0|	334.3|	
| 5- 1|	|si|	6|	Tz |	-231.8|	-19.7|	0.0|	234.3|	
| 6- 1|	|si|	9|	Ty |	54.3|	0.0|	-102.1|	184.9|	
-----								105.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	26062.9|	267.1|	0.3|	451.8|	-0.3|	235.0|		
| 6- 1|	26142.9|	91.7|	0.2|	696.0|	2.7|	235.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	4|	Sx Si |	556.1|	0.0|	0.0|	556.1|	
| 6- 1|	|si|	5|	Tz |	-437.0|	10.1|	0.0|	437.3|	
| 6- 1|	|si|	9|	Ty |	53.3|	0.0|	-51.2|	103.4|	
-----								140.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	30184.7|	232.5|	0.3|	451.8|	2.2|	0.6|		
| 12-16|	5815.6|	1.5|	0.0|	-1540.3|	4.5|	3.9|		
| 12- 2|	5344.3|	-2.2|	0.1|	1703.0|	-2.7|	-5.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	4|	Sx Si |	629.8|	0.0|	0.0|	629.8|	
| 12-16|	|si|	5|	Tz |	-225.9|	0.9|	0.0|	225.9|	
| 12- 2|	|si|	9|	Ty |	128.7|	0.0|	1.2|	128.7|	
-----								175.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	26210.6|	-95.3|	0.2|	691.0|	2.7|	-233.4|		
| 5- 1|	26103.0|	109.7|	0.3|	451.8|	4.8|	-233.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	3|	Sx Si |	557.1|	0.0|	0.0|	557.1|	
| 5- 1|	|si|	6|	Tz |	-461.4|	10.5|	0.0|	461.7|	
| 5- 1|	|si|	9|	Ty |	35.0|	0.0|	50.9|	94.8|	
-----								210.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	13939.2|	-188.8|	0.2|	688.5|	2.7|	-467.8|		
| 5- 1|	13817.8|	-101.3|	0.3|	451.8|	7.3|	-468.2|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	3|	Sx Si |	336.5|	0.0|	0.0|	336.5|	
| 5- 1|	|si|	6|	Tz |	-222.9|	20.4|	0.0|	225.7|	
| 5- 1|	|si|	9|	Ty |	33.3|	0.0|	101.8|	179.4|	
-----								245.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 6- 1|	-6535.6|	-282.3|	0.2|	686.0|	2.7|	-702.2|		
| 5- 1|	-6670.8|	-400.5|	0.3|	451.8|	9.8|	-702.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 6- 1|	|si|	2|	Sx Si |	207.6|	0.0|	0.0|	207.6|	
| 5- 1|	|si|	6|	Tz |	173.2|	30.4|	0.0|	181.0|	
| 5- 1|	|si|	9|	Ty |	31.0|	0.0|	152.7|	266.3|	
| 6- 1|	|si|	10|	Si |	54.1|	0.0|	152.6|	269.7|	
-----								280.
SOLLECITAZIONI :								
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |		
| 5- 1|	-35362.9|	-787.9|	0.3|	451.8|	12.3|	-937.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|	No|	massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	|si|	2|	Sx Si |	791.6|	0.0|	0.0|	791.6|	
| 5- 1|	|si|	6|	Tz |	726.7|	40.4|	0.0|	730.0|	
| 5- 1|	|si|	9|	Ty |	27.9|	0.0|	203.6|	353.7|	
-----								0.
VERIFICA STABILITA' :								
|L0 =	280. |							
Z |Lc =	280. |Ro =	4.90 |lm =	57.1 |Ncr=	84177.2 |alfa(a) =	0.2100 |ki =	0.8668 |		
Y Lc =	280. Ro =	1.45 lm =	193.6 Ncr=	7316.3 alfa(b) =	0.3400 ki =	0.1722		
Caso12-16 - Nodo 3 - Asse Y								
Ned =	-1540.3 Mzeq =	-4379.3 Myeq =	468.6 Ss =	-828.7 (0.316)				
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-----								0.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		

Copertura area carburante - Relazione di calcolo

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| 5- 1| -35336.5| -543.4| 0.0| 441.0| -12.0| 1063.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si| 762.0| 0.0| 0.0| 762.0|
| 5- 1|si| 6| Tz | | -45.3| 0.0| 0.0| 721.5|
| 5- 1|si| 9| Ty | | 29.0| 0.0| -231.0| 401.2|
-----
PROGR. 35.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 1| -793.2| -201.1| 0.0| 1484.7| -0.8| 142.0|
| 5- 1| -2207.3| -166.7| 0.0| 441.0| -9.5| 829.4|
| 6- 1| -2076.9| 163.2| 0.0| 646.5| 0.7| 828.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 1|si| 2|Sx | | 150.4| 0.0| 0.0| 150.4|
| 5- 1|si| 6| Tz | | 80.5| -35.4| 0.0| 101.1|
| 5- 1|si| 9| Ty | | 32.0| 0.0| -180.1| 313.6|
| 6- 1|si| 9| Si | | 50.1| 0.0| -180.0| 315.8|
-----
PROGR. 70.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 22830.2| 139.9| 0.0| 644.0| 0.7| 594.4|
| 5- 1| 22718.4| 121.7| 0.0| 441.0| -7.0| 595.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 4|Sx | Si| 495.0| 0.0| 0.0| 495.0|
| 5- 1|si| 6| Tz | | -398.8| -25.4| 0.0| 401.2|
| 5- 1|si| 9| Ty | | 34.3| 0.0| -129.2| 226.4|
-----
PROGR. 105.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 39440.7| 321.9| 0.0| 441.0| -4.5| 360.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 813.7| 0.0| 0.0| 813.7|
| 5- 1|si| 6| Tz | | -720.6| -15.4| 0.0| 721.1|
| 5- 1|si| 9| Ty | | 35.9| 0.0| -78.3| 140.3|
-----
PROGR. 140.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47959.5| 433.9| 0.0| 441.0| -1.9| 126.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 987.2| 0.0| 0.0| 987.2|
| 5- 1|si| 6| Tz | | -884.8| -5.5| 0.0| 884.9|
| 5- 1|si| 9| Ty | | 36.8| 0.0| -27.4| 60.0|
-----
PROGR. 175.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 48274.8| 457.7| 0.0| 441.0| 0.6| -108.2|
| 6- 1| 48330.7| 69.9| 0.0| 636.4| 0.7| -108.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 995.9| 0.0| 0.0| 995.9|
| 6- 1|si| 6| Tz | | -865.0| 4.5| 0.0| 865.0|
| 6- 1|si| 9| Ty | | 48.6| 0.0| 23.6| 63.5|
-----
PROGR. 210.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 40386.7| 393.4| 0.0| 441.0| 3.1| -342.6|
| 6- 1| 40423.9| 46.6| 0.0| 633.9| 0.7| -343.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 839.8| 0.0| 0.0| 839.8|
| 5- 1|si| 6| Tz | | -740.8| 14.5| 0.0| 741.2|
| 6- 1|si| 9| Ty | | 48.3| 0.0| 74.5| 137.8|
-----
PROGR. 245.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 24295.1| 240.8| 0.0| 441.0| 5.6| -577.0|
| 6- 1| 24313.7| 23.3| 0.0| 631.4| 0.7| -577.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si| 519.0| 0.0| 0.0| 519.0|
| 5- 1|si| 6| Tz | | -432.5| 24.4| 0.0| 434.6|
| 6- 1|si| 9| Ty | | 47.9| 0.0| 125.4| 222.4|
-----
PROGR. 280.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 5| 0.0| 0.0| 0.0| 1519.3| 0.2| -135.6|
| 5- 1| 0.0| 0.0| 0.0| 441.0| 8.1| -811.3|
| 6- 1| 0.0| 0.0| 0.0| 628.9| 0.7| -811.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 5|si| 3|Sx | | 114.8| 0.0| 0.0| 114.8|
| 5- 1|si| 6| Tz | | 33.3| 34.4| 0.0| 68.3|
| 6- 1|si| 9| TySi| | 47.5| 0.0| 176.3| 309.1|
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VERIFICA STABILITA` :

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|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso12-16 - Nodo 2 - Asse Y
Ned = -1322.9|Mzeq = 6553.3|Myeq = 238.7|Ss = -739.7 ( 0.282)

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P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 314- 585) 1878
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PROGR. 0.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY	
12- 5	0.0	0.0	-0.3	1435.3	0.2	140.9	
| 5- 1 |	0.0	0.0	-0.6	427.9	-7.0	809.7	
| 6- 1 |	0.0	0.0	0.0	595.8	0.7	809.1	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12- 5 |	1|Sx	108.4	0.0	0.0	108.4		
| 5- 1 |	6| Tz	32.3	-34.5	0.0	67.9		
| 5- 1 |	9| Ty	32.3	0.0	-176.0	306.6		
| 6- 1 |	9| Si	45.0	0.0	-175.7	307.7		
							35.
SOLLECITAZIONI	:						
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	24236.3	201.8	-0.6	427.9	-4.5	575.3	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	4|Sx	512.4	0.0	0.0	512.4		
| 5- 1 |	6| Tz	-431.1	-24.5	0.0	433.2		
| 5- 1 |	9| Ty	33.9	0.0	-125.1	219.4		
							70.
SOLLECITAZIONI	:						
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	40269.2	315.3	-0.6	427.9	-2.0	340.9	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	4|Sx	827.6	0.0	0.0	827.6		
| 5- 1 |	6| Tz	-737.0	-14.5	0.0	737.4		
| 5- 1 |	9| Ty	34.8	0.0	-74.2	133.2		
							105.
SOLLECITAZIONI	:						
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	48098.6	340.7	-0.6	427.9	0.5	106.5	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	4|Sx	978.1	0.0	0.0	978.1		
| 5- 1 |	5| Tz	-862.7	4.7	0.0	862.7		
| 5- 1 |	9| Ty	35.0	0.0	-23.3	53.5		
							140.
SOLLECITAZIONI	:						
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	47724.6	277.8	-0.6	427.9	3.1	-127.9	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	4|Sx	963.7	0.0	0.0	963.7		
| 5- 1 |	6| Tz	-876.2	6.0	0.0	876.3		
| 5- 1 |	9| Ty	34.5	0.0	28.0	59.5		
							175.
SOLLECITAZIONI	:						
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	39048.8	-115.7	0.0	583.2	0.7	-362.8	
| 5- 1 |	39147.1	126.8	-0.6	427.9	5.6	-362.3	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	3|Sx	793.3	0.0	0.0	793.3		
| 5- 1 |	6| Tz	-709.6	16.0	0.0	710.1		
| 5- 1 |	9| Ty	33.3	0.0	78.9	140.6		
							210.
SOLLECITAZIONI	:						
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1 |	22248.1	-138.9	0.0	580.7	0.7	-597.2	
| 5- 1 |	22366.1	-112.5	-0.6	427.9	8.1	-596.6	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 6- 1 |	3|Sx	479.2	0.0	0.0	479.2		
| 5- 1 |	6| Tz	-385.4	26.0	0.0	388.0		
| 5- 1 |	9| Ty	31.4	0.0	129.8	227.0		
							245.
SOLLECITAZIONI	:						
| Caso |	MZ	MY	MT	N	TZ	TY	
| 12-16 |	-886.7	-281.1	0.3	-1246.1	1.1	-142.4	
| 5- 1 |	-2618.4	-439.9	-0.6	427.9	10.6	-831.0	
| 6- 1 |	-2756.0	-162.0	0.0	578.2	0.7	-831.6	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 12-16 |	4|Sx	-143.4	0.0	0.0	143.4		
| 5- 1 |	6| Tz	96.3	35.9	0.0	114.7		
| 5- 1 |	9| Ty	28.8	0.0	180.7	314.3		
| 6- 1 |	10| Si	45.0	0.0	180.6	316.0		
							280.
SOLLECITAZIONI	:						
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1 |	-35806.3	-855.6	-0.6	427.9	13.1	-1065.4	
TENSIONI (Sz=	0.00)	:					
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 5- 1 |	2|Sx	806.0	0.0	0.0	806.0		
| 5- 1 |	6| Tz	735.5	45.9	0.0	739.8		
| 5- 1 |	9| Ty	25.5	0.0	231.6	401.9		
							0.
VERIFICA STABILITA`	:						
| L0 =	280.						
Z | Lc =	280.	Ro = 4.90	lm = 57.1	Ncr = 84177.2	alfa(a) = 0.2100	ki = 0.8668	
Y | Lc =	280.	Ro = 1.45	lm = 193.6	Ncr = 7316.3	alfa(b) = 0.3400	ki = 0.1722	
Caso12-16 - Nodo 1 - Asse Y							
Ned =	-1246.1	Mzeq =	5960.4	Myeq =	-240.9	Ss =	-694.5 (0.265)
P_IPE120_S009 (9)		stato limite ultimo - ASTA (585- 586)					1880
							0.
SOLLECITAZIONI	:						

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	-35988.2|	376.0|	0.0|	541.6|	2.7|	930.1|
| 5- 1|	-35830.9|	-150.2|	-0.1|	408.7|	-7.8|	929.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|	|si| 1|Sx	Si|	762.5|	0.0|	0.0|	762.5|
| 5- 1|	|si| 6|	Tz	711.1|	-39.2|	0.0|	714.3|
| 6- 1|	|si| 9|	Ty	43.9|	0.0|	-202.0|	352.6|
----- PROGR. 35.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	-7537.7|	283.0|	0.0|	539.1|	2.7|	695.7|
| 5- 1|	-7398.6|	79.2|	-0.1|	408.7|	-5.3|	695.2|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|	|si| 1|Sx	Si|	215.5|	0.0|	0.0|	215.5|
| 5- 1|	|si| 6|	Tz	167.7|	-29.2|	0.0|	175.1|
| 6- 1|	|si| 9|	Ty	43.0|	0.0|	-151.1|	265.2|
| 6- 1|	|si|11|	Si|	153.5|	0.0|	-127.3|	268.6|
----- PROGR. 70.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	12709.4|	189.9|	0.0|	536.5|	2.7|	461.3|
| 5- 1|	12830.1|	220.5|	-0.1|	408.7|	-2.8|	460.8|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|	|si| 4|Sx	Si|	302.0|	0.0|	0.0|	302.0|
| 5- 1|	|si| 6|	Tz	-218.2|	-19.3|	0.0|	220.7|
| 6- 1|	|si| 9|	Ty	42.0|	0.0|	-100.2|	178.6|
----- PROGR. 105.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	24855.4|	273.5|	-0.1|	408.7|	-0.3|	226.4|
| 6- 1|	24753.0|	96.8|	0.0|	534.0|	2.7|	226.9|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|Sx	Si|	530.9|	0.0|	0.0|	530.9|
| 6- 1|	|si| 5|	Tz	-422.9|	9.7|	0.0|	423.2|
| 6- 1|	|si| 9|	Ty	41.1|	0.0|	-49.3|	94.8|
----- PROGR. 140.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	28677.3|	238.4|	-0.1|	408.7|	2.3|	-8.0|
| 12-16|	4923.3|	0.9|	0.1|	-813.9|	4.6|	2.8|
| 7- 1|	25914.1|	394.5|	-0.1|	359.1|	1.7|	-7.9|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|Sx	Si|	598.8|	0.0|	0.0|	598.8|
| 12-16|	|si| 5|	Tz	-154.2|	0.9|	0.0|	154.2|
| 7- 1|	|si| 9|	Ty	30.3|	0.0|	1.8|	30.4|
----- PROGR. 175.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	24229.7|	-89.4|	0.0|	529.0|	2.7|	-241.9|
| 5- 1|	24295.7|	115.0|	-0.1|	408.7|	4.8|	-242.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|	|si| 3|Sx	Si|	506.9|	0.0|	0.0|	506.9|
| 5- 1|	|si| 6|	Tz	-430.8|	10.7|	0.0|	431.2|
| 5- 1|	|si| 9|	Ty	31.8|	0.0|	52.7|	96.6|
----- PROGR. 210.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	11662.9|	-182.4|	0.0|	526.5|	2.7|	-476.2|
| 5- 1|	11710.6|	-96.5|	-0.1|	408.7|	7.3|	-476.8|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|	|si| 3|Sx	Si|	280.6|	0.0|	0.0|	280.6|
| 5- 1|	|si| 6|	Tz	-186.6|	20.7|	0.0|	190.0|
| 5- 1|	|si| 9|	Ty	30.1|	0.0|	103.6|	181.9|
----- PROGR. 245.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-9077.9|	-396.3|	-0.1|	408.7|	9.8|	-711.2|
| 6- 1|	-9107.3|	-275.5|	0.0|	523.9|	2.7|	-710.6|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|Sx	Si|	247.8|	0.0|	0.0|	247.8|
| 5- 1|	|si| 6|	Tz	215.1|	30.6|	0.0|	221.6|
| 5- 1|	|si| 9|	Ty	27.7|	0.0|	154.5|	269.0|
| 6- 1|	|si|12|	Si|	175.3|	0.0|	130.0|	285.4|
----- PROGR. 280.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-38069.9|	-784.2|	-0.1|	408.7|	12.3|	-945.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|Sx	Si|	838.9|	0.0|	0.0|	838.9|
| 5- 1|	|si| 6|	Tz	774.3|	40.6|	0.0|	777.5|
| 5- 1|	|si| 9|	Ty	24.6|	0.0|	205.4|	356.6|

VERIFICA STABILITA` :

|L0 = 280. |
 Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a) =0.2100 |ki=0.8668 |
 Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b) =0.3400 |ki=0.1722 |
 Caso12-16 - Nodo 3 - Asse Y
 Ned = -813.9 |Mzeq = -4927.4 |Myeq = 481.8 |Ss = -513.6 (0.196)

Copertura area carburante - Relazione di calcolo

P_IPE120_S009 (9) stato limite ultimo - ASTA (586- 587) 1882
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	-38081.4	371.2	0.0	500.7	2.7	950.2
5- 1	-38069.8	-117.1	0.1	399.0	-7.5	949.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	Si	798.3	0.0
5- 1	si	6	Tz	751.4	-40.0	0.0
6- 1	si	9	Ty	40.8	0.0	-206.4
 ----- PROGR. 35.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	-8926.6	277.6	0.0	498.2	2.7	715.8
5- 1	-8937.1	102.4	0.1	399.0	-5.0	715.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	238.0	0.0	0.0
5- 1	si	6	Tz	195.1	-30.0	0.0
6- 1	si	9	Ty	39.9	0.0	-155.5
6- 1	si	11	Si	170.8	0.0	-130.9
 ----- PROGR. 70.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1 | 12024.8 | 184.1 | 0.0 | 495.7 | 2.7 | 481.4 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	285.3	0.0	0.0	285.3
6- 1	si	5	Tz	-183.0	20.1	0.0	186.3	
6- 1	si	9	Ty	38.9	0.0	-104.6	185.2	
 ----- PROGR. 105.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	24717.9	276.8	0.1	399.0	0.0	246.4
6- 1	24772.7	90.5	0.0	493.2	2.7	247.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	527.9	0.0
6- 1	si	5	Tz	-426.5	10.5	0.0
6- 1	si	9	Ty	38.0	0.0	-53.7
 ----- PROGR. 140.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	29240.2	231.7	0.1	399.0	2.5	12.0
12-16	5992.9	-3.0	0.0	-559.0	4.5	4.9
6- 1	29317.1	-3.0	0.0	490.7	2.7	12.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	4	Sx	Si	607.9	0.0
12-16	si	5	Tz	-155.3	1.0	0.0
6- 1	si	9	Ty	37.0	0.0	-2.8
 ----- PROGR. 175.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	25658.0	-96.6	0.0	488.1	2.7	-221.7
5- 1	25559.0	98.4	0.1	399.0	5.1	-222.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	531.5	0.0
5- 1	si	6	Tz	-454.7	10.0	0.0
5- 1	si	9	Ty	30.9	0.0	48.3
 ----- PROGR. 210.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	13795.5	-190.1	0.0	485.6	2.7	-456.1
5- 1	13674.4	-123.1	0.1	399.0	7.6	-456.8
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	3	Sx	Si	318.6	0.0
5- 1	si	6	Tz	-223.4	19.9	0.0
5- 1	si	9	Ty	29.2	0.0	99.2
 ----- PROGR. 245.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	-6413.7	-432.9	0.1	399.0	10.1	-691.1
6- 1	-6270.5	-283.7	0.0	483.1	2.7	-690.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
5- 1	si	2	Sx	201.1	0.0	0.0
5- 1	si	6	Tz	165.4	29.9	0.0
5- 1	si	9	Ty	26.7	0.0	150.1
6- 1	si	10	Si	38.8	0.0	150.0
 ----- PROGR. 280.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 5- 1 | -34705.3 | -830.8 | 0.1 | 399.0 | 12.6 | -925.5 |
 TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	780.2	0.0	0.0	780.2
5- 1	si	6	Tz	711.7	39.9	0.0	715.1	
5- 1	si	9	Ty	23.5	0.0	201.0	349.0	

VERIFICA STABILITA` :

|L0 = 280. |
 Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a)=0.2100 |ki=0.8668 |
 Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b)=0.3400 |ki=0.1722 |
 Caso12-16 - Nodo 1 - Asse Y

Copertura area carburante - Relazione di calcolo

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Ned =      -559.0|Mzeq =      4494.7|Myeq =      -477.3|Ss =      -390.4 ( 0.149)
P_IPE120_S009 ( 9)          stato limite ultimo - ASTA ( 587- 332) 1884
----- PROGR. 0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | -34682.1| -521.0| 0.0| 398.8| -11.9| 1061.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si |      743.9| 0.0| 0.0| 743.9|
| 5- 1|si| 6| Tz |      Ty |      701.0| -45.2| 0.0| 705.3|
| 5- 1|si| 9| Ty |      Ty |      26.0| 0.0| -230.5| 400.1|
----- PROGR. 35.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 | -1511.1| -369.7| 0.0| 350.0| -16.2| 739.8|
| 5- 1 | -1634.7| -147.2| 0.0| 398.8| -9.4| 827.0|
| 6- 1 | -1490.1| 163.1| 0.0| 467.5| 0.7| 826.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 7- 1|si| 2|Sx |      Si |      97.7| 0.0| 0.0| 97.7|
| 5- 1|si| 6| Tz |      Ty |      65.8| -35.3| 0.0| 89.8|
| 5- 1|si| 9| Ty |      Ty |      29.0| 0.0| -179.6| 312.4|
| 6- 1|si| 9| Si |      Si |      36.6| 0.0| -179.5| 313.0|
----- PROGR. 70.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 23333.2| 139.8| 0.0| 465.0| 0.7| 592.0|
| 5- 1 | 23209.2| 138.5| 0.0| 398.8| -6.9| 592.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx |      Si |      491.0| 0.0| 0.0| 491.0|
| 5- 1|si| 6| Tz |      Ty |     -411.8| -25.3| 0.0| 414.1|
| 5- 1|si| 9| Ty |      Ty |      31.2| 0.0| -128.7| 225.1|
----- PROGR. 105.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 39849.7| 335.9| 0.0| 398.8| -4.4| 358.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |      819.9| 0.0| 0.0| 819.9|
| 5- 1|si| 6| Tz |      Ty |     -731.9| -15.3| 0.0| 732.4|
| 5- 1|si| 9| Ty |      Ty |      32.8| 0.0| -77.8| 138.7|
----- PROGR. 140.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 48286.7| 445.1| 0.0| 398.8| -1.9| 123.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |      991.5| 0.0| 0.0| 991.5|
| 5- 1|si| 6| Tz |      Ty |     -894.5| -5.4| 0.0| 894.6|
| 5- 1|si| 9| Ty |      Ty |      33.7| 0.0| -26.9| 57.5|
----- PROGR. 175.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 48520.2| 466.1| 0.0| 398.8| 0.7| -110.5|
| 6- 1 | 48582.2| 69.9| 0.0| 457.5| 0.7| -111.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |      998.3| 0.0| 0.0| 998.3|
| 6- 1|si| 6| Tz |      Ty |     -883.2| 4.6| 0.0| 883.3|
| 6- 1|si| 9| Ty |      Ty |      35.1| 0.0| 24.1| 54.6|
----- PROGR. 210.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 40550.3| 399.0| 0.0| 398.8| 3.2| -344.9|
| 6- 1 | 40591.6| 46.6| 0.0| 454.9| 0.7| -345.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |      840.4| 0.0| 0.0| 840.4|
| 5- 1|si| 6| Tz |      Ty |     -747.2| 14.6| 0.0| 747.7|
| 6- 1|si| 9| Ty |      Ty |      34.7| 0.0| 75.0| 134.5|
----- PROGR. 245.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 | 24376.9| 243.6| 0.0| 398.8| 5.7| -579.3|
| 6- 1 | 24397.5| 23.3| 0.0| 452.4| 0.7| -579.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |      517.6| 0.0| 0.0| 517.6|
| 5- 1|si| 6| Tz |      Ty |     -437.3| 24.5| 0.0| 439.4|
| 6- 1|si| 9| Ty |      Ty |      34.4| 0.0| 125.9| 220.8|
----- PROGR. 280.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 | 0.0| 0.0| 0.0| 449.9| 0.7| -814.3|
| 5- 1 | 0.0| 0.0| 0.0| 398.8| 8.2| -813.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 4|Sx |      Si |      34.0| 0.0| 0.0| 34.0|
| 5- 1|si| 6| Tz |      Ty |      30.1| 34.5| 0.0| 67.0|
| 6- 1|si| 9| TySi |      Si |      34.0| 0.0| 176.8| 308.2|
----- PROGR.
VERIFICA STABILITA` :
|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr = 84177.2|alfa(a) = 0.2100|ki = 0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr = 7316.3|alfa(b) = 0.3400|ki = 0.1722|
Caso12-16 - Nodo 2 - Asse Y

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Copertura area carburante - Relazione di calcolo

Ned = -195.1|Mzeq = 6746.1|Myeq = 240.8|Ss = -241.7 (0.092)

P_IPE120_S009 (9) stato limite ultimo - ASTA (332- 634) 1886
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	430.8|	0.7|	835.5|
5- 1|	0.0|	0.0|	-0.6|	390.6|	-7.2|	836.5|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx	32.6|	0.0|	0.0|	32.6|
5- 1|si| 6|	Tz	29.5|	-35.6|	0.0|	68.3|
5- 1|si| 9|	TySi	29.5|	0.0|	-181.9|	316.4|

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	25921.5|	214.2|	-0.6|	390.6|	-4.6|	593.7|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx Si	542.7|	0.0|	0.0|	542.7|
5- 1|si| 6|	Tz	-466.1|	-25.3|	0.0|	468.1|
5- 1|si| 9|	Ty	31.2|	0.0|	-129.2|	225.9|

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	43043.2|	333.8|	-0.6|	390.6|	-2.0|	350.9|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx Si	879.2|	0.0|	0.0|	879.2|
5- 1|si| 6|	Tz	-792.7|	-14.9|	0.0|	793.1|
5- 1|si| 9|	Ty	32.2|	0.0|	-76.4|	136.2|

----- PROGR. 109.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	51364.9|	358.8|	-0.6|	390.6|	0.6|	108.2|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx Si	1038.9|	0.0|	0.0|	1038.9|
5- 1|si| 5|	Tz	-926.5|	4.8|	0.0|	926.5|
5- 1|si| 9|	Ty	32.4|	0.0|	-23.7|	52.3|

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	50886.8|	289.1|	-0.6|	390.6|	3.2|	-134.6|
6- 1|	50742.1|	-95.5|	0.0|	420.4|	0.7|	-135.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx Si	1021.8|	0.0|	0.0|	1021.8|
5- 1|si| 6|	Tz	-939.0|	6.3|	0.0|	939.0|
6- 1|si| 9|	Ty	31.0|	0.0|	29.4|	59.7|

----- PROGR. 181.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	41608.8|	124.9|	-0.6|	390.6|	5.8|	-377.3|
6- 1|	41428.0|	-119.4|	0.0|	417.8|	0.7|	-378.3|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 4|	Sx Si	828.0|	0.0|	0.0|	828.0|
5- 1|si| 6|	Tz	-758.7|	16.7|	0.0|	759.2|
6- 1|si| 9|	Ty	30.6|	0.0|	82.2|	145.6|

----- PROGR. 218.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	23530.9|	-134.0|	-0.6|	390.6|	8.4|	-620.1|
6- 1|	23313.9|	-143.2|	0.0|	415.2|	0.7|	-621.1|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 3|	Sx Si	488.4|	0.0|	0.0|	488.4|
5- 1|si| 6|	Tz	-409.4|	27.0|	0.0|	412.1|
6- 1|si| 9|	Ty	30.2|	0.0|	134.9|	235.6|

----- PROGR. 254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	-2543.9|	-684.8|	-1.1|	342.5|	17.9|	-769.9|
5- 1|	-3346.9|	-487.4|	-0.6|	390.6|	11.1|	-862.8|
6- 1|	-3600.1|	-167.1|	0.0|	412.5|	0.7|	-863.8|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
7- 1|si| 2|	Sx	153.0|	0.0|	0.0|	153.0|
5- 1|si| 6|	Tz	108.8|	37.3|	0.0|	126.5|
6- 1|si| 9|	Ty	29.8|	0.0|	187.6|	326.3|
5- 1|si| 10|	Si	33.4|	0.0|	187.6|	326.6|

----- PROGR. 290.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	-39024.6|	-935.5|	-0.6|	390.6|	13.7|	-1105.6|
6- 1|	-39313.9|	-191.0|	0.0|	409.9|	0.7|	-1106.6|

TENSIONI (Sz= 0.00) :

Caso	Ve|No|massimi	Sx	Tz	Ty	Si
5- 1|si| 2|	Sx Si	873.0|	0.0|	0.0|	873.0|
5- 1|si| 6|	Tz	796.0|	47.6|	0.0|	800.2|
6- 1|si| 9|	Ty	29.5|	0.0|	240.3|	417.3|

VERIFICA STABILITA` :

|L0 = 290.1
Z |Lc = 290.1|Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
Y |Lc = 290.1|Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
Caso12-14 - Nodo 1 - Asse Y

Copertura area carburante - Relazione di calcolo

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Ned =      -156.6|Mzeq =      6564.4|Myeq =      -217.1|Ss =      -222.9 ( 0.085)
P_IPE120_S009 ( 9)          stato limite ultimo - ASTA ( 634- 635) 1888
----- PROGR. 0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |    -39343.7 |    371.1 |    -0.1 |    388.0 |      2.6 |    966.3 |
| 5- 1 |   -39054.2 |   -147.3 |    -0.1 |    378.1 |     -8.0 |    964.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |      Si |      813.6 |      0.0 |      0.0 |    813.6 |
| 5- 1|si| 6|  Tz |      769.4 |    -40.6 |      0.0 |      0.0 |    772.6 |
| 6- 1|si| 9|  Ty |      32.3 |      0.0 |   -209.9 |    365.0 |
----- PROGR. 36.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |    -8715.9 |    278.4 |    -0.1 |    385.4 |      2.6 |    723.5 |
| 5- 1 |   -8499.7 |     94.1 |    -0.1 |    378.1 |     -5.4 |    721.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |      Si |    225.5 |      0.0 |      0.0 |    225.5 |
| 5- 1|si| 6|  Tz |    185.6 |   -30.3 |      0.0 |    192.9 |
| 6- 1|si| 9|  Ty |     31.3 |      0.0 |   -157.2 |    274.0 |
| 6- 1|si|11|  Si |    159.2 |      0.0 |   -132.4 |    279.1 |
----- PROGR. 72.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    13254.9 |    240.8 |    -0.1 |    378.1 |     -2.7 |    478.7 |
| 6- 1 |    13112.0 |    185.6 |    -0.1 |    382.8 |      2.6 |    480.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |    306.2 |      0.0 |      0.0 |    306.2 |
| 6- 1|si| 5|  Tz |   -212.0 |    20.0 |      0.0 |    214.8 |
| 6- 1|si| 9|  Ty |     30.4 |      0.0 |   -104.4 |    183.4 |
----- PROGR. 109.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    26209.5 |    292.9 |    -0.1 |    378.1 |     -0.1 |    236.0 |
| 6- 1 |    26140.0 |     92.8 |    -0.1 |    380.2 |      2.6 |    238.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |    556.3 |      0.0 |      0.0 |    556.3 |
| 6- 1|si| 5|  Tz |   -460.8 |    10.2 |      0.0 |    461.1 |
| 6- 1|si| 9|  Ty |     29.5 |      0.0 |    -51.7 |     94.3 |
----- PROGR. 145.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    30364.3 |    250.4 |    -0.1 |    378.1 |      2.5 |    -6.8 |
| 12-16|    5591.9 |     -1.3 |      0.0 |   -118.2 |      4.6 |      5.8 |
| 11- 6|    5666.4 |     -0.4 |      0.0 |    124.9 |      1.0 |    -9.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |    629.7 |      0.0 |      0.0 |    629.7 |
| 12-16|si| 5|  Tz |   -114.3 |      1.0 |      0.0 |    114.4 |
| 11- 6|si| 9|  Ty |      9.4 |      0.0 |      2.1 |     10.1 |
----- PROGR. 181.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    25719.2 |    113.3 |    -0.1 |    378.1 |      5.1 |   -249.5 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |      Si |    526.3 |      0.0 |      0.0 |    526.3 |
| 5- 1|si| 6|  Tz |   -459.8 |    11.1 |      0.0 |    460.2 |
| 5- 1|si| 9|  Ty |     29.5 |      0.0 |    54.2 |     98.4 |
----- PROGR. 218.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |    12424.8 |   -185.5 |    -0.1 |    372.3 |      2.6 |   -490.3 |
| 5- 1 |    12274.2 |   -118.4 |    -0.1 |    378.1 |      7.7 |   -492.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 3|Sx |      Si |    283.7 |      0.0 |      0.0 |    283.7 |
| 5- 1|si| 6|  Tz |   -198.8 |    21.4 |      0.0 |    202.2 |
| 5- 1|si| 9|  Ty |     27.6 |      0.0 |    106.9 |    187.3 |
----- PROGR. 254.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   -9970.7 |   -444.7 |    -0.1 |    378.1 |    10.3 |   -735.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si |    267.9 |      0.0 |      0.0 |    267.9 |
| 5- 1|si| 6|  Tz |    231.2 |    31.7 |      0.0 |    237.7 |
| 5- 1|si| 9|  Ty |     25.0 |      0.0 |    159.7 |    277.7 |
| 5- 1|si|12|  Si |    178.3 |      0.0 |    134.5 |    293.4 |
----- PROGR. 290.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   -41015.5 |   -865.7 |    -0.1 |    378.1 |    12.9 |   -977.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |      Si |    901.5 |      0.0 |      0.0 |    901.5 |
| 5- 1|si| 6|  Tz |    830.2 |    42.0 |      0.0 |    833.4 |
| 5- 1|si| 9|  Ty |     21.7 |      0.0 |    212.4 |    368.5 |
-----
VERIFICA STABILITA` :
|L0 = 290. |
Z |Lc = 290. |Ro = 4.90 |lm = 59.1 |Ncr= 78472.0 |alfa(a)=0.2100 |ki=0.8565 |
Y |Lc = 290. |Ro = 1.45 |lm = 200.6 |Ncr= 6820.4 |alfa(b)=0.3400 |ki=0.1615 |

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Copertura area carburante - Relazione di calcolo

Caso12-16 - Nodo 4 - Asse Y
Ned = -118.2|Mz = -5372.8|Myeq = -498.6|Ss = -215.3 (0.082)

P_IPE120_S009 (9) stato limite ultimo - ASTA (635- 350) 1890

PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-40990.2	-567.7	0.0	383.7	-12.4	1112.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	867.0	0.0	0.0	867.0
5-1	si	6	Tz	820.3	-47.4	0.0	824.4
5-1	si	9	Ty	24.5	0.0	-241.6	419.1

PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-4642.6	-402.1	0.0	337.2	-16.8	778.2
5-1	-5066.8	-165.6	0.0	383.7	-9.8	869.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	si	2	Sx	159.5	0.0	0.0	159.5
5-1	si	6	Tz	130.0	-37.1	0.0	145.0
5-1	si	9	Ty	27.7	0.0	-188.9	328.3
5-1	si	10	Si	30.3	0.0	-188.9	328.5

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	22279.5	141.8	0.0	357.6	0.7	625.8
5-1	22056.7	141.9	0.0	383.7	-7.2	626.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	463.2	0.0	0.0	463.2
5-1	si	6	Tz	-391.3	-26.7	0.0	394.1
5-1	si	9	Ty	30.1	0.0	-136.1	237.7

PROGR. 109.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	40380.3	354.8	0.0	383.7	-4.6	384.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	830.9	0.0	0.0	830.9
5-1	si	6	Tz	-743.7	-16.4	0.0	744.2
5-1	si	9	Ty	31.8	0.0	-83.4	147.9

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	49904.0	473.1	0.0	383.7	-2.0	141.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1024.1	0.0	0.0	1024.1
5-1	si	6	Tz	-927.1	-6.1	0.0	927.2
5-1	si	9	Ty	32.8	0.0	-30.7	62.4

PROGR. 181.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	50627.8	496.7	0.0	383.7	0.7	-101.4
6-1	50739.3	70.9	0.0	349.8	0.7	-102.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1040.4	0.0	0.0	1040.4
6-1	si	6	Tz	-932.0	4.3	0.0	932.1
6-1	si	9	Ty	27.0	0.0	22.2	47.0

PROGR. 218.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	42551.8	425.8	0.0	383.7	3.3	-344.2
6-1	42626.1	47.3	0.0	347.2	0.7	-345.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	880.0	0.0	0.0	880.0
5-1	si	6	Tz	-787.0	14.6	0.0	787.4
6-1	si	9	Ty	26.6	0.0	75.0	132.5

PROGR. 254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	25675.8	260.2	0.0	383.7	5.9	-586.9
6-1	25713.0	23.6	0.0	344.6	0.7	-587.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	542.9	0.0	0.0	542.9
5-1	si	6	Tz	-463.5	24.9	0.0	465.5
6-1	si	9	Ty	26.2	0.0	127.7	222.7

PROGR. 290.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	383.7	8.5	-829.7
6-1	0.0	0.0	0.0	341.9	0.7	-830.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	29.0	0.0	0.0	29.0
5-1	si	6	Tz	29.0	35.2	0.0	67.5
6-1	si	9	TySi	25.8	0.0	180.4	313.5

PROGR. 290.

VERIFICA STABILITA` :

|L0 = 290.1

Z |Lc = 290. |Ro = 4.90 |lm = 59.1 |Ncr = 78472.0 |alfa(a) = 0.2100 |ki = 0.8565 |

Y |Lc = 290. |Ro = 1.45 |lm = 200.6 |Ncr = 6820.4 |alfa(b) = 0.3400 |ki = 0.1615 |

Caso12- 3 - Nodo 1 - Asse Y

Copertura area carburante - Relazione di calcolo

Ned = -71.7|Mzeq = 6499.0|Myeq = -161.4|Ss = -175.0 (0.067)

P_IPE120_S009 (9) stato limite ultimo - ASTA (350- 670) 1892
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 12-15|	0.0|	0.0|	0.4|	533.9|	0.7|	162.9|
| 5- 1|	0.0|	0.0|	-0.5|	383.1|	-8.7|	968.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 12-15|si| 1|	Sx			40.3|	0.0|	0.0|	40.3|
| 5- 1|si| 6|	Tz			28.9|	-41.1|	0.0|	76.9|
| 5- 1|si| 9|	Ty	Si		28.9|	0.0|	-210.4|	365.6|

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	35092.8|	305.5|	-0.5|	383.1|	-5.7|	683.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|	Sx	Si		725.5|	0.0|	0.0|	725.5|
| 5- 1|si| 6|	Tz			-642.5|	-29.0|	0.0|	644.4|
| 5- 1|si| 9|	Ty			31.4|	0.0|	-148.6|	259.3|

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	58089.6|	481.0|	-0.5|	383.1|	-2.6|	398.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|	Sx	Si		1179.2|	0.0|	0.0|	1179.2|
| 5- 1|si| 6|	Tz			-1081.7|	-16.9|	0.0|	1082.0|
| 5- 1|si| 9|	Ty			32.8|	0.0|	-86.8|	153.9|

----- PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	68990.6|	526.5|	-0.5|	383.1|	0.5|	114.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|	Sx	Si		1389.8|	0.0|	0.0|	1389.8|
| 5- 1|si| 5|	Tz			-1253.6|	5.0|	0.0|	1253.6|
| 5- 1|si| 9|	Ty			33.1|	0.0|	-25.0|	54.5|

----- PROGR. 170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	67795.6|	441.9|	-0.5|	383.1|	3.5|	-170.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|	Sx	Si		1357.5|	0.0|	0.0|	1357.5|
| 5- 1|si| 6|	Tz			-1263.2|	7.8|	0.0|	1263.3|
| 5- 1|si| 9|	Ty			32.5|	0.0|	37.2|	72.1|

----- PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	54504.6|	227.2|	-0.5|	383.1|	6.6|	-455.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 4|	Sx	Si		1082.3|	0.0|	0.0|	1082.3|
| 5- 1|si| 6|	Tz			-1005.7|	19.9|	0.0|	1006.3|
| 5- 1|si| 9|	Ty			30.8|	0.0|	99.0|	174.2|

----- PROGR. 255.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	29117.8|	-117.5|	-0.5|	383.1|	9.6|	-739.6|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 3|	Sx	Si		591.2|	0.0|	0.0|	591.2|
| 5- 1|si| 6|	Tz			-515.8|	32.0|	0.0|	518.8|
| 5- 1|si| 9|	Ty			28.0|	0.0|	160.8|	279.9|

----- PROGR. 298.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 7- 1|	-7111.8|	-875.3|	-0.9|	336.3|	20.8|	-914.8|
| 5- 1|	-8365.0|	-592.2|	-0.5|	383.1|	12.7|	-1024.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 7- 1|si| 2|	Sx			260.6|	0.0|	0.0|	260.6|
| 5- 1|si| 6|	Tz			206.3|	44.1|	0.0|	220.0|
| 5- 1|si| 9|	Ty			24.2|	0.0|	222.6|	386.4|
| 5- 1|si|10|	Si			33.7|	0.0|	222.6|	387.1|

----- PROGR. 340.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
| 5- 1|	-57943.6|	-1197.0|	-0.5|	383.1|	15.8|	-1308.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
| 5- 1|si| 2|	Sx	Si		1259.2|	0.0|	0.0|	1259.2|
| 5- 1|si| 6|	Tz			1160.6|	56.2|	0.0|	1164.7|
| 5- 1|si| 9|	Ty			19.4|	0.0|	284.4|	493.0|

VERIFICA STABILITA` :

|L0 = 340. |
Z |Lc = 340. |Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
Y |Lc = 340. |Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
Caso12- 1 - Nodo 2 - Asse Y
Ned = -395.2|Mzeq = 9107.1|Myeq = 151.5|Ss = -439.8 (0.168)

P_IPE120_S009 (9) stato limite ultimo - ASTA (670- 671) 1894
----- PROGR. 0.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-57978.1	-372.2	-0.1	380.5	-10.3	1127.0
6- 1	-58144.8	321.5	-0.1	289.1	1.9	1128.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	2	|Sx	Si	1164.3	0.0	0.0	1164.3
5- 1	|si	6	|Tz		1133.6	-47.7	0.0	1136.6
6- 1	|si	9	|Ty		24.4	0.0	-245.0	425.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-16252.1	240.9	-0.1	286.1	1.9	843.4
5- 1	-16128.1	2.0	-0.1	380.5	-7.3	842.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	1	|Sx	Si	355.7	0.0	0.0	355.7
5- 1	|si	6	|Tz		332.6	-35.6	0.0	338.2
6- 1	|si	9	|Ty		23.5	0.0	-183.2	318.2
5- 1	|si	11	|Si		265.3	0.0	-154.1	376.4

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	13626.0	246.1	-0.1	380.5	-4.2	557.8
6- 1	13544.8	160.4	-0.1	283.0	1.9	558.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	|Sx	Si	314.0	0.0	0.0	314.0
5- 1	|si	6	|Tz		-236.2	-23.5	0.0	239.7
6- 1	|si	9	|Ty		22.7	0.0	-121.4	211.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	31284.1	360.2	-0.1	380.5	-1.2	273.2
6- 1	31245.7	79.8	-0.1	280.0	1.9	274.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	|Sx	Si	659.9	0.0	0.0	659.9
6- 1	|si	5	|Tz		-565.0	11.5	0.0	565.3
6- 1	|si	9	|Ty		21.8	0.0	-59.6	105.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	36846.4	344.3	-0.1	380.5	1.9	-11.4
7- 1	33123.8	574.4	-0.1	333.3	1.7	-11.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	|Sx	Si	762.9	0.0	0.0	762.9
5- 1	|si	6	|Tz		-677.0	0.8	0.0	677.0
7- 1	|si	9	|Ty		29.7	0.0	2.6	30.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	30312.7	198.3	-0.1	380.5	5.0	-296.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	4	|Sx	Si	622.9	0.0	0.0	622.9
5- 1	|si	6	|Tz		-549.0	12.9	0.0	549.5
5- 1	|si	9	|Ty		30.3	0.0	64.3	115.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	11772.9	-161.8	-0.1	270.8	1.9	-579.6
5- 1	11683.1	-77.7	-0.1	380.5	8.0	-580.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	3	|Sx	Si	261.0	0.0	0.0	261.0
5- 1	|si	6	|Tz		-188.8	25.0	0.0	193.7
5- 1	|si	9	|Ty		28.1	0.0	126.1	220.3
5- 1	|si	14	|Si		200.7	0.0	106.3	272.3

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-19042.4	-483.8	-0.1	380.5	11.1	-865.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	2	|Sx	Si	443.5	0.0	0.0	443.5
5- 1	|si	6	|Tz		403.7	37.2	0.0	408.8
5- 1	|si	9	|Ty		24.9	0.0	187.9	326.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-61863.9	-1020.0	-0.1	380.5	14.1	-1149.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	|si	2	|Sx	Si	1312.4	0.0	0.0	1312.4
5- 1	|si	6	|Tz		1228.4	49.3	0.0	1231.3
5- 1	|si	9	|Ty		20.6	0.0	249.8	433.1

VERIFICA STABILITA` :

L0 = 340. |
Z |Lc = 340. |Ro = 4.90 |lm = 69.3 |Ncr = 57089.0 |alfa(a) = 0.2100 |ki = 0.7966 |
Y |Lc = 340. |Ro = 1.45 |lm = 235.1 |Ncr = 4961.9 |alfa(b) = 0.3400 |ki = 0.1204 |
Caso12- 1 - Nodo 3 - Asse Y
Ned = -462.8 |Mzeq = -8112.1 |Myeq = 293.2 |Ss = -481.9 (0.184)

P_IPE120_S009 (9) stato limite ultimo - ASTA (671- 368) 1896
----- PROGR. 0.
SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5-1	-61829.4	-861.6	0.0	408.7	-14.8	1320.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	1295.6	0.0	0.0	1295.6
5-1	si	6	Tz	1224.6	-56.3	0.0	1228.5
5-1	si	9	Ty	24.0	0.0	-286.7	497.2

42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-10591.1	-608.8	0.0	357.8	-19.9	926.5
5-1	-11765.0	-298.7	0.0	408.7	-11.7	1035.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	si	2	Sx	297.0	0.0	0.0	297.0
5-1	si	6	Tz	262.5	-44.1	0.0	273.4
5-1	si	9	Ty	28.5	0.0	-224.9	390.6
5-1	si	10	Si	33.3	0.0	-224.9	391.0

85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	26203.5	134.1	0.0	408.7	-8.7	751.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	540.1	0.0	0.0	540.1
5-1	si	6	Tz	-467.3	-32.0	0.0	470.6
5-1	si	9	Ty	31.9	0.0	-163.1	284.3

128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	52076.0	436.9	0.0	408.7	-5.6	466.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1062.7	0.0	0.0	1062.7
5-1	si	6	Tz	-964.9	-19.9	0.0	965.6
5-1	si	9	Ty	34.3	0.0	-101.3	178.8

170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	65852.7	609.6	0.0	408.7	-2.5	181.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1342.3	0.0	0.0	1342.3
5-1	si	6	Tz	-1230.3	-7.8	0.0	1230.4
5-1	si	9	Ty	35.7	0.0	-39.5	77.2

212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	67533.4	652.3	0.0	408.7	0.5	-102.8
6-1	67599.1	62.4	0.0	261.6	0.5	-103.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1378.9	0.0	0.0	1378.9
6-1	si	6	Tz	-1256.1	4.3	0.0	1256.1
6-1	si	9	Ty	20.3	0.0	22.4	43.8

255.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	57118.2	564.9	0.0	408.7	3.6	-387.4
6-1	57162.0	41.6	0.0	258.5	0.5	-387.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1172.5	0.0	0.0	1172.5
5-1	si	6	Tz	-1064.2	16.4	0.0	1064.6
6-1	si	9	Ty	19.9	0.0	84.2	147.3

298.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	34607.1	347.5	0.0	408.7	6.6	-672.0
6-1	34628.9	20.8	0.0	255.5	0.5	-672.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	723.2	0.0	0.0	723.2
5-1	si	6	Tz	-632.8	28.5	0.0	634.7
6-1	si	9	Ty	19.5	0.0	146.1	253.7

340.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	0.0	0.0	0.0	1140.1	0.7	-165.2
5-1	0.0	0.0	0.0	408.7	9.7	-956.6
6-1	0.0	0.0	0.0	252.4	0.5	-957.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	86.1	0.0	0.0	86.1
5-1	si	6	Tz	30.9	40.6	0.0	76.8
6-1	si	9	Ty	19.1	0.0	207.9	360.5
5-1	si	9	Si	30.9	0.0	207.7	361.2

VERIFICA STABILITA` :

L0 = 340. |
Z |Lc = 340. |Ro = 4.90 |lm = 69.3 |Ncr = 57089.0 |alfa(a) = 0.2100 |ki = 0.7966 |
Y |Lc = 340. |Ro = 1.45 |lm = 235.1 |Ncr = 4961.9 |alfa(b) = 0.3400 |ki = 0.1204 |
Caso12- 3 - Nodo 1 - Asse Y
Ned = -986.2 |Mzeq = 8557.0 |Myeq = -142.6 |Ss = -803.5 (0.307)

P_IPE120_S009 (9) stato limite ultimo - ASTA (368- 711) 1898
----- PROGR. 0.
SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 12-15 |	0.0 |	0.0 |	0.4 |	1570.0 |	0.7 |	152.2 |	|	
| 5- 1 |	0.0 |	0.0 |	-0.5 |	432.7 |	-8.1 |	907.6 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 12-15 |	si |	1 |	Sx	118.6 |	0.0 |	0.0 |	118.6 |	
| 5- 1 |	si |	6 |	Tz	32.7 |	-38.5 |	0.0 |	74.3 |	
| 5- 1 |	si |	9 |	Ty	32.7 |	0.0 |	-197.3 |	343.3 |	
-----							PROGR.	40.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1 |	30756.1 |	263.6 |	-0.5 |	432.7 |	-5.2 |	641.8 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si |	4 |	Sx	642.7 |	0.0 |	0.0 |	642.7 |	
| 5- 1 |	si |	6 |	Tz	-555.6 |	-27.2 |	0.0 |	557.6 |	
| 5- 1 |	si |	9 |	Ty	34.8 |	0.0 |	-139.5 |	244.2 |	
-----							PROGR.	79.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1 |	50957.6 |	413.8 |	-0.5 |	432.7 |	-2.4 |	375.9 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si |	4 |	Sx	1040.8 |	0.0 |	0.0 |	1040.8 |	
| 5- 1 |	si |	6 |	Tz	-941.3 |	-15.9 |	0.0 |	941.7 |	
| 5- 1 |	si |	9 |	Ty	36.0 |	0.0 |	-81.8 |	146.2 |	
-----							PROGR.	119.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1 |	60604.5 |	450.5 |	-0.5 |	432.7 |	0.5 |	110.1 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si |	4 |	Sx	1226.8 |	0.0 |	0.0 |	1226.8 |	
| 5- 1 |	si |	5 |	Tz	-1094.3 |	4.8 |	0.0 |	1094.4 |	
| 5- 1 |	si |	9 |	Ty	36.3 |	0.0 |	-24.1 |	55.2 |	
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1 |	59696.8 |	373.7 |	-0.5 |	432.7 |	3.4 |	-155.8 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si |	4 |	Sx	1200.8 |	0.0 |	0.0 |	1200.8 |	
| 5- 1 |	si |	6 |	Tz	-1104.6 |	7.1 |	0.0 |	1104.7 |	
| 5- 1 |	si |	9 |	Ty	35.7 |	0.0 |	34.0 |	68.8 |	
-----							PROGR.	199.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1 |	48234.5 |	183.4 |	-0.5 |	432.7 |	6.2 |	-421.7 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si |	4 |	Sx	962.8 |	0.0 |	0.0 |	962.8 |	
| 5- 1 |	si |	6 |	Tz	-882.3 |	18.4 |	0.0 |	882.9 |	
| 5- 1 |	si |	9 |	Ty	34.1 |	0.0 |	91.7 |	162.5 |	
-----							PROGR.	238.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1 |	26217.5 |	-120.4 |	-0.5 |	432.7 |	9.1 |	-687.5 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si |	3 |	Sx	540.6 |	0.0 |	0.0 |	540.6 |	
| 5- 1 |	si |	6 |	Tz	-457.3 |	29.8 |	0.0 |	460.2 |	
| 5- 1 |	si |	9 |	Ty	31.7 |	0.0 |	149.5 |	260.8 |	
-----							PROGR.	278.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 7- 1 |	-5358.3 |	-789.3 |	-0.9 |	377.7 |	19.5 |	-851.5 |	|	
| 5- 1 |	-6354.0 |	-537.6 |	-0.5 |	432.7 |	11.9 |	-953.4 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 7- 1 |	si |	2 |	Sx	220.8 |	0.0 |	0.0 |	220.8 |	
| 5- 1 |	si |	6 |	Tz	170.3 |	41.1 |	0.0 |	184.6 |	
| 5- 1 |	si |	9 |	Ty	28.4 |	0.0 |	207.2 |	360.0 |	
| 5- 1 |	si |	10 |	Si	37.0 |	0.0 |	207.2 |	360.8 |	
-----							PROGR.	318.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1 |	-49480.2 |	-1068.4 |	-0.5 |	432.7 |	14.8 |	-1219.2 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	
| 5- 1 |	si |	2 |	Sx	1088.6 |	0.0 |	0.0 |	1088.6 |	
| 5- 1 |	si |	6 |	Tz	1000.6 |	52.4 |	0.0 |	1004.7 |	
| 5- 1 |	si |	9 |	Ty	24.2 |	0.0 |	264.9 |	459.5 |	
-----							PROGR.	0.
VERIFICA STABILITA` :								
|	L0 = 318. |	|	|	|	|	|	|	
Z |	Lc = 318. |	Ro = 4.90 |	lm = 64.8 |	Ncr = 65425.9 |	alfa(a) = 0.2100 |	ki = 0.8251 |	|	
Y |	Lc = 318. |	Ro = 1.45 |	lm = 219.6 |	Ncr = 5686.5 |	alfa(b) = 0.3400 |	ki = 0.1366 |	|	
Caso 12- 1 - Nodo 2 - Asse Y								
Ned =	-1406.5 |	Mzeq = 8038.6 |	Myeq = 141.1 |	Ss = -954.1 (0.364)				
P_IPE120_S009 (9) stato limite ultimo - ASTA (711- 712) 1900								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY	|	
| 5- 1 |	-49504.7 |	-264.2 |	0.2 |	446.6 |	-9.3 |	1072.8 |	|	
| 6- 1 |	-49579.7 |	323.5 |	0.3 |	221.5 |	2.0 |	1072.9 |	|	
TENSIONI (Sz= 0.00) :								
| Caso |	Ve |	No |	massimi	Sx	Tz	Ty	Si	

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 2|Sx	Si	| 997.1|	0.0|	0.0|	997.1|		
| 5- 1|si| 6| Tz		| 975.4|	-45.3|	0.0|	978.5|		
| 6- 1|si| 9| Ty		| 19.3|	0.0|	-233.1|	404.2|		

----- PROGR. 40.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
| 6- 1| -12262.1| 243.5| 0.3| 218.6| 2.0| 807.1|	
| 5- 1| -12191.5| 48.4| 0.2| 446.6| -6.4| 806.9|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |						
| 6- 1|si| 1|Sx	| 275.7|	0.0|	0.0|	275.7|		
| 5- 1|si| 6| Tz	| 261.9|	-34.0|	0.0|	268.4|		
| 6- 1|si| 9| Ty	| 18.5|	0.0|	-175.4|	304.3|		
| 5- 1|si|11| Si	| 212.9|	0.0|	-147.7|	332.8|		

----- PROGR. 79.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
| 5- 1| 14567.1| 247.6| 0.2| 446.6| -3.6| 541.1|	
| 6- 1| 14500.9| 163.5| 0.3| 215.8| 2.0| 541.2|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |						
| 5- 1|si| 4|Sx	| 336.9|	0.0|	0.0|	336.9|		
| 5- 1|si| 6| Tz	| -249.0|	-22.7|	0.0|	252.1|		
| 6- 1|si| 9| Ty	| 17.6|	0.0|	-117.6|	204.5|		

----- PROGR. 119.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
| 5- 1| 30771.1| 333.2| 0.2| 446.6| -0.7| 275.2|	
| 6- 1| 30709.3| 83.5| 0.3| 212.9| 2.0| 275.3|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |						
| 5- 1|si| 4|Sx	| 652.1|	0.0|	0.0|	652.1|		
| 6- 1|si| 5| Tz	| -559.8|	11.7|	0.0|	560.2|		
| 6- 1|si| 9| Ty	| 16.8|	0.0|	-59.9|	105.1|		

----- PROGR. 159.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
| 5- 1| 36420.5| 305.4| 0.2| 446.6| 2.1| 9.4|	
| 6- 1| 36363.0| 3.5| 0.3| 210.1| 2.0| 9.5|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |						
| 5- 1|si| 4|Sx	| 755.3|	0.0|	0.0|	755.3|		
| 6- 1|si| 5| Tz	| -669.2|	0.9|	0.0|	669.2|		
| 6- 1|si| 9| Ty	| 15.9|	0.0|	-2.2|	16.3|		

----- PROGR. 198.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
| 5- 1| 31515.2| 164.1| 0.2| 446.6| 5.0| -256.5|	
| 6- 1| 31462.2| -76.5| 0.3| 207.2| 2.0| -256.4|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |						
| 5- 1|si| 4|Sx	| 646.6|	0.0|	0.0|	646.6|		
| 5- 1|si| 6| Tz	| -565.6|	11.4|	0.0|	565.9|		
| 6- 1|si| 9| Ty	| 15.0|	0.0|	55.8|	97.8|		

----- PROGR. 238.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
| 5- 1| 16055.4| -90.6| 0.2| 446.6| 7.8| -522.3|	
| 6- 1| 16006.7| -156.5| 0.3| 204.4| 2.0| -522.2|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |						
| 5- 1|si| 3|Sx	| 346.8|	0.0|	0.0|	346.8|		
| 5- 1|si| 6| Tz	| -265.8|	22.7|	0.0|	268.7|		
| 6- 1|si| 9| Ty	| 14.2|	0.0|	113.5|	197.1|		

----- PROGR. 278.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
| 5- 1| -9959.1| -458.9| 0.2| 446.6| 10.7| -788.2|	
| 6- 1| -10003.4| -236.5| 0.3| 201.5| 2.0| -788.1|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |						
| 5- 1|si| 2|Sx	| 274.5|	0.0|	0.0|	274.5|		
| 5- 1|si| 6| Tz	| 236.7|	34.0|	0.0|	243.9|		
| 6- 1|si| 9| Ty	| 13.3|	0.0|	171.3|	296.9|		
| 5- 1|si|12| Si	| 183.5|	0.0|	144.3|	310.0|		

----- PROGR. 318.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
| 5- 1| -46528.1| -940.6| 0.2| 446.6| 13.6| -1054.1|	
| 6- 1| -46568.0| -316.5| 0.3| 198.6| 2.0| -1054.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |						
| 5- 1|si| 2|Sx	| 1019.3|	0.0|	0.0|	1019.3|		
| 5- 1|si| 6| Tz	| 941.8|	45.3|	0.0|	945.0|		
| 6- 1|si| 9| Ty	| 12.5|	0.0|	229.0|	396.8|		

VERIFICA STABILITA' :

|L0 = 318. |
Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|
Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
Caso12- 3 - Nodo 3 - Asse Y
Ned = -1766.3|Mz eq = -5646.0|My eq = 280.7|Ss = -1133.1 (0.433)

P_IPE120_S009 (9) stato limite ultimo - ASTA (712- 713) 1902
----- PROGR. 0.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |	
6- 1 -46570.4 373.4 0.6 186.6 2.4 1100.1	

Copertura area carburante - Relazione di calcolo

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| 5- 1|      -46529.8|      -178.3|      0.6|      464.6|      -8.7|      1100.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 6- 1|si| 1|Sx |Si|      934.8|      0.0|      0.0|      934.8|
| 5- 1|si| 6|  Tz |      917.8|     -46.5|      0.0|      921.3|
| 5- 1|si| 9|  Ty |      33.7|      0.0|     -239.1|      415.6|
-----
PROGR.      40.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-14|      -135.4|      395.1|      0.2|     2089.4|      3.4|      144.7|
| 5- 1|      -8127.2|      109.0|      0.6|      464.6|     -5.8|      834.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 12-14|si| 1|Sx |Si|      206.1|      0.0|      0.0|      206.1|
| 5- 1|si| 6|  Tz |      184.6|     -35.2|      0.0|      194.4|
| 5- 1|si| 9|  TySi|      36.0|      0.0|     -181.4|      316.3|
-----
PROGR.      79.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      19720.7|      282.9|      0.6|      464.6|     -2.9|      568.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |Si|      439.4|      0.0|      0.0|      439.4|
| 5- 1|si| 6|  Tz |      -345.9|     -23.9|      0.0|      348.4|
| 5- 1|si| 9|  Ty |      37.3|      0.0|     -123.7|      217.4|
-----
PROGR.      119.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      37014.0|      343.3|      0.6|      464.6|     -0.1|      302.7|
| 6- 1|      36954.2|      85.0|      0.6|      178.0|      2.4|      302.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |Si|      772.3|      0.0|      0.0|      772.3|
| 6- 1|si| 5|  Tz |      -680.1|     13.0|      0.0|      680.4|
| 5- 1|si| 9|  Ty |      37.8|      0.0|     -65.9|      120.3|
-----
PROGR.      159.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      43752.7|      290.1|      0.6|      464.6|      2.8|      36.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |Si|      893.1|      0.0|      0.0|      893.1|
| 5- 1|si| 5|  Tz |      -779.7|      2.3|      0.0|      779.7|
| 5- 1|si| 9|  Ty |      37.4|      0.0|     -8.2|      40.0|
-----
PROGR.      199.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      39936.8|      123.6|      0.6|      464.6|      5.6|     -229.0|
| 6- 1|      39864.2|     -107.4|      0.6|      172.3|      2.4|     -229.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |Si|      801.9|      0.0|      0.0|      801.9|
| 5- 1|si| 6|  Tz |      -721.6|     10.6|      0.0|      721.8|
| 6- 1|si| 9|  Ty |      12.2|      0.0|      50.0|      87.4|
-----
PROGR.      238.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      25566.3|     -156.5|      0.6|      464.6|      8.5|     -494.9|
| 6- 1|      25487.3|     -203.5|      0.6|      169.4|      2.4|     -495.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 3|Sx |Si|      535.0|      0.0|      0.0|      535.0|
| 5- 1|si| 6|  Tz |      -441.5|     21.9|      0.0|      443.1|
| 6- 1|si| 9|  Ty |      11.2|      0.0|     107.7|      186.9|
-----
PROGR.      278.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-14|      2201.2|     -403.4|      0.2|     2089.4|      3.4|     -125.1|
| 5- 1|      641.2|     -550.1|      0.6|      464.6|     11.3|     -760.8|
| 6- 1|      555.8|     -299.7|      0.6|      166.6|      2.4|     -760.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 12-14|si| 3|Sx |Si|      246.0|      0.0|      0.0|      246.0|
| 5- 1|si| 6|  Tz |      41.3|     33.2|      0.0|      70.8|
| 6- 1|si| 9|  Ty |      10.2|      0.0|     165.4|      286.7|
| 5- 1|si|10|  Si|      39.5|      0.0|     165.4|      289.2|
-----
PROGR.      318.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -34838.5|     -1057.1|      0.6|      464.6|     14.2|     -1026.6|
| 6- 1|      -34930.4|     -395.8|      0.6|      163.7|      2.4|     -1026.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si|      813.8|      0.0|      0.0|      813.8|
| 5- 1|si| 6|  Tz |      726.7|     44.5|      0.0|      730.8|
| 6- 1|si| 9|  Ty |      9.2|      0.0|     223.2|      386.7|
-----
PROGR.      0.

VERIFICA STABILITA` :
|L0 = 318. |
Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|
Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
Casol2- 3 - Nodo 1 - Asse Y
Ned = -1917.1|Mzeq = 5758.7|Myeq = -266.0|Ss = -1218.2 ( 0.465)

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-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |

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Copertura area carburante - Relazione di calcolo

5- 1	-34787.1	-759.9	0.0	3689.8	-13.8	1171.8
| 6- 1|	-34878.8|	133.3|	0.0|	3374.6|	0.4|	1172.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	1022.2|	0.0|	0.0|	1022.2|	
| 5- 1|si| 6| Tz |		959.6|	-50.0|	0.0|	963.5|	
| 6- 1|si| 9| Ty |		256.0|	0.0|	-254.5|	509.8|	
----- PROGR. 40.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	5805.2|	-535.2|	0.0|	3472.7|	-18.6|	810.2|
| 5- 1|	6409.5|	-268.7|	0.0|	3689.8|	-11.0|	906.2|
| 6- 1|	6329.2|	116.6|	0.0|	3371.8|	0.4|	906.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 3|Sx |	Si |	433.6|	0.0|	0.0|	433.6|	
| 5- 1|si| 6| Tz |		166.9|	-38.8|	0.0|	179.9|	
| 6- 1|si| 9| Ty |		255.7|	0.0|	-196.9|	426.2|	
| 5- 1|si|14| Si|		374.9|	0.0|	-165.8|	472.2|	
----- PROGR. 79.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	37078.0|	109.2|	0.0|	3689.8|	-8.1|	640.7|
| 6- 1|	37009.1|	100.0|	0.0|	3368.9|	0.4|	641.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	990.1|	0.0|	0.0|	990.1|	
| 5- 1|si| 6| Tz |		-423.5|	-27.5|	0.0|	426.2|	
| 6- 1|si| 9| Ty |		255.3|	0.0|	-139.2|	351.2|	
----- PROGR. 119.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	57218.4|	374.0|	0.0|	3689.8|	-5.3|	375.2|
| 6- 1|	57161.0|	83.3|	0.0|	3366.1|	0.4|	375.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	1400.2|	0.0|	0.0|	1400.2|	
| 5- 1|si| 6| Tz |		-811.8|	-16.2|	0.0|	812.3|	
| 6- 1|si| 9| Ty |		255.0|	0.0|	-81.5|	291.5|	
----- PROGR. 159.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	66830.8|	525.6|	0.0|	3689.8|	-2.4|	109.7|
| 6- 1|	66784.9|	66.7|	0.0|	3363.2|	0.4|	110.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	1598.9|	0.0|	0.0|	1598.9|	
| 5- 1|si| 6| Tz |		-998.0|	-4.9|	0.0|	998.0|	
| 6- 1|si| 9| Ty |		254.6|	0.0|	-23.9|	258.0|	
----- PROGR. 198.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	65915.2|	564.0|	0.0|	3689.8|	0.5|	-155.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	1586.1|	0.0|	0.0|	1586.1|	
| 5- 1|si| 6| Tz |		-982.0|	6.4|	0.0|	982.1|	
| 5- 1|si| 9| Ty |		283.3|	0.0|	33.8|	289.3|	
----- PROGR. 238.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	54471.5|	489.2|	0.0|	3689.8|	3.3|	-421.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	1361.8|	0.0|	0.0|	1361.8|	
| 5- 1|si| 6| Tz |		-763.9|	17.7|	0.0|	764.5|	
| 5- 1|si| 9| Ty |		282.7|	0.0|	91.5|	324.1|	
----- PROGR. 278.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	32499.8|	301.2|	0.0|	3689.8|	6.2|	-686.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	926.0|	0.0|	0.0|	926.0|	
| 5- 1|si| 6| Tz |		-343.6|	29.0|	0.0|	347.3|	
| 5- 1|si| 9| Ty |		281.2|	0.0|	149.2|	381.9|	
----- PROGR. 317.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	3689.8|	9.0|	-952.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |		278.8|	0.0|	0.0|	278.8|	
| 5- 1|si| 6| Tz |		278.8|	40.3|	0.0|	287.4|	
| 5- 1|si| 9| TySi|		278.8|	0.0|	206.8|	454.0|	
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	0.0|	0.0|	0.0|	-2451.3|	0.0|	18.9|

VERIFICA STABILITA` :

|L0 = 317.|

Z |Lc = 317.|Ro = 4.90|lm = 64.7|Ncr= 65591.0|alfa(a)=0.2100|ki=0.8256|

Y |Lc = 317.|Ro = 1.45|lm = 219.4|Ncr= 5700.9|alfa(b)=0.3400|ki=0.1370|

Caso12- 3 - Nodo 1 - Asse Y

Ned = -867.6|Mzeq = 8661.5|Myeq = -92.6|Ss = -656.6 (0.251)

P_IPE120_S009 (9) stato limite ultimo - ASTA (5- 547) 1908

----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	0.0|	0.0|	0.0|	-2451.3|	0.0|	18.9|

Copertura area carburante - Relazione di calcolo

| 8- 2|	0.0|	0.0|	0.0|	411.8|	0.0|	18.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-185.2|	0.0|	0.0|	185.2|		
| 8- 2|si| 5| Tz |	31.1|	0.8|	0.0|	31.1|		
| 8- 2|si| 9| Ty |	31.1|	0.0|	-4.1|	31.9|		
| 8- 1|si| 9| Si |	-185.2|	0.0|	-4.1|	185.3|		
----- PROGR.						35.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	577.6|	0.0|	0.0|	-2451.3|	0.0|	14.1|
| 8- 2|	577.6|	0.0|	0.0|	411.8|	0.0|	14.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-196.1|	0.0|	0.0|	196.1|		
| 8- 2|si| 5| Tz |	20.2|	0.6|	0.0|	20.3|		
| 8- 2|si| 9| Ty |	31.1|	0.0|	-3.1|	31.6|		
| 8- 1|si| 5| Si |	-196.1|	0.6|	0.0|	196.1|		
----- PROGR.						70.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	990.1|	0.0|	0.0|	-2451.3|	0.0|	9.4|
| 8- 2|	990.1|	0.0|	0.0|	411.8|	0.0|	9.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-203.9|	0.0|	0.0|	203.9|		
| 8- 2|si| 5| Tz |	12.5|	0.4|	0.0|	12.5|		
| 8- 2|si| 9| Ty |	31.1|	0.0|	-2.0|	31.3|		
| 8- 1|si| 5| Si |	-203.9|	0.4|	0.0|	203.9|		
----- PROGR.						105.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	1237.6|	0.0|	0.0|	-2451.3|	0.0|	4.7|
| 8- 2|	1237.6|	0.0|	0.0|	411.8|	0.0|	4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-208.5|	0.0|	0.0|	208.5|		
| 8- 2|si| 5| Tz |	7.8|	0.2|	0.0|	7.8|		
| 8- 2|si| 9| Ty |	31.1|	0.0|	-1.0|	31.2|		
| 8- 1|si| 5| Si |	-208.5|	0.2|	0.0|	208.5|		
----- PROGR.						140.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	1320.1|	0.0|	0.0|	-2451.3|	0.0|	0.0|
| 6- 1|	1320.1|	0.0|	0.0|	-2396.7|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-210.1|	0.0|	0.0|	210.1|		
| 6- 1|si| 5| Tz |	-206.0|	0.0|	0.0|	206.0|		
| 6- 1|si| 9| Ty |	-181.1|	0.0|	0.0|	181.1|		
----- PROGR.						175.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	1237.6|	0.0|	0.0|	-2451.3|	0.0|	-4.7|
| 6- 1|	1237.6|	0.0|	0.0|	-2396.7|	0.0|	-4.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-208.5|	0.0|	0.0|	208.5|		
| 6- 1|si| 5| Tz |	-204.4|	-0.2|	0.0|	204.4|		
| 6- 1|si| 9| Ty |	-181.1|	0.0|	1.0|	181.1|		
| 8- 1|si| 5| Si |	-208.5|	-0.2|	0.0|	208.5|		
----- PROGR.						210.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	990.1|	0.0|	0.0|	-2451.3|	0.0|	-9.4|
| 6- 1|	990.1|	0.0|	0.0|	-2396.7|	0.0|	-9.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-203.9|	0.0|	0.0|	203.9|		
| 6- 1|si| 5| Tz |	-199.7|	-0.4|	0.0|	199.7|		
| 6- 1|si| 9| Ty |	-181.1|	0.0|	2.0|	181.1|		
| 8- 1|si| 5| Si |	-203.9|	-0.4|	0.0|	203.9|		
----- PROGR.						245.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	577.6|	0.0|	0.0|	-2451.3|	0.0|	-14.1|
| 6- 1|	577.6|	0.0|	0.0|	-2396.7|	0.0|	-14.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-196.1|	0.0|	0.0|	196.1|		
| 6- 1|si| 5| Tz |	-192.0|	-0.6|	0.0|	192.0|		
| 6- 1|si| 9| Ty |	-181.1|	0.0|	3.1|	181.2|		
| 8- 1|si| 5| Si |	-196.1|	-0.6|	0.0|	196.1|		
----- PROGR.						280.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	0.0|	0.0|	0.0|	-2451.3|	0.0|	-18.9|
| 6- 1|	0.0|	0.0|	0.0|	-2396.7|	0.0|	-18.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 3|Sx |	-185.2|	0.0|	0.0|	185.2|		
| 6- 1|si| 5| Tz |	-181.1|	-0.8|	0.0|	181.1|		
| 6- 1|si| 9| Ty |	-181.1|	0.0|	4.1|	181.2|		
| 8- 1|si| 9| Si |	-185.2|	0.0|	4.1|	185.3|		

VERIFICA STABILITA' :

|L0 = 280.
 Z |Lc = 280.|Ro = 4.90|Im = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|

Copertura area carburante - Relazione di calcolo

Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 8- 1 - Nodo 1 - Asse Y
 Ned = -2451.3|Mzeq = 1144.1|Myeq = 0.0|Ss = -1098.1 (0.419)

P_IPE120_S009 (9) stato limite ultimo - ASTA (547- 549) 1909
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4048.5	0.0	18.9
7- 2	0.0	0.0	0.0	-1181.1	0.0	18.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-305.9	0.0	0.0	305.9
7- 2	si	5	Tz	-89.2	0.8	0.0	89.2
7- 2	si	9	Ty	-89.2	0.0	-4.1	89.5
6- 1	si	9	Si	-305.9	0.0	-4.1	306.0
 ----- PROGR. 35.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	577.6	0.0	0.0	-4048.5	0.0	14.1
7- 2	577.6	0.0	0.0	-1181.1	0.0	14.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-316.8	0.0	0.0	316.8
7- 2	si	5	Tz	-100.1	0.6	0.0	100.1
7- 2	si	9	Ty	-89.2	0.0	-3.1	89.4
6- 1	si	5	Si	-316.8	0.6	0.0	316.8
 ----- PROGR. 70.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	990.1	0.0	0.0	-4048.5	0.0	9.4
7- 2	990.1	0.0	0.0	-1181.1	0.0	9.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-324.5	0.0	0.0	324.5
7- 2	si	5	Tz	-107.9	0.4	0.0	107.9
7- 2	si	9	Ty	-89.2	0.0	-2.0	89.3
6- 1	si	5	Si	-324.5	0.4	0.0	324.5
 ----- PROGR. 105.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	1237.6	0.0	0.0	-4048.5	0.0	4.7
7- 2	1237.6	0.0	0.0	-1181.1	0.0	4.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-329.2	0.0	0.0	329.2
7- 2	si	5	Tz	-112.6	0.2	0.0	112.6
7- 2	si	9	Ty	-89.2	0.0	-1.0	89.3
6- 1	si	5	Si	-329.2	0.2	0.0	329.2
 ----- PROGR. 140.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |
 | 6- 1| 1320.1| 0.0| 0.0| -4048.5| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-330.8	0.0	0.0	330.8
6- 1	si	5	Tz	-330.8	0.0	0.0	330.8
6- 1	si	9	Ty	-305.9	0.0	0.0	305.9
 ----- PROGR. 175.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	1237.6	0.0	0.0	-4048.5	0.0	-4.7
5- 1	1237.6	0.0	0.0	-3751.5	0.0	-4.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-329.2	0.0	0.0	329.2
5- 1	si	5	Tz	-306.8	-0.2	0.0	306.8
5- 1	si	9	Ty	-283.4	0.0	1.0	283.4
6- 1	si	5	Si	-329.2	-0.2	0.0	329.2
 ----- PROGR. 210.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	990.1	0.0	0.0	-4048.5	0.0	-9.4
5- 1	990.1	0.0	0.0	-3751.5	0.0	-9.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-324.5	0.0	0.0	324.5
5- 1	si	5	Tz	-302.1	-0.4	0.0	302.1
5- 1	si	9	Ty	-283.4	0.0	2.0	283.5
6- 1	si	5	Si	-324.5	-0.4	0.0	324.5
 ----- PROGR. 245.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	577.6	0.0	0.0	-4048.5	0.0	-14.1
5- 1	577.6	0.0	0.0	-3751.5	0.0	-14.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-316.8	0.0	0.0	316.8
5- 1	si	5	Tz	-294.3	-0.6	0.0	294.3
5- 1	si	9	Ty	-283.4	0.0	3.1	283.5
6- 1	si	5	Si	-316.8	-0.6	0.0	316.8
 ----- PROGR. 280.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-4048.5	0.0	-18.9
5- 1	0.0	0.0	0.0	-3751.5	0.0	-18.9

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-305.9	0.0	0.0	305.9
5- 1	si	5	Tz	-283.4	-0.8	0.0	283.4

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9|	Ty	| -283.4|	0.0|	4.1|	283.5|	
| 6- 1|si| 9|	Si	| -305.9|	0.0|	4.1|	306.0|	

VERIFICA STABILITA` :
|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -4048.5|Mzeq = 1144.1|Myeq = 0.0|Ss = -1799.5 (0.687)

P_IPE120_S009 (9) stato limite ultimo - ASTA (549- 551) 1910

PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1964.5	0.0	18.9
5- 1	0.0	0.0	0.0	-1738.8	0.0	18.9
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-148.4	0.0	0.0
5- 1	si	5	Tz	-131.4	0.8	0.0
5- 1	si	9	Ty	-131.4	0.0	-4.1
6- 1	si	9	Si	-148.4	0.0	-4.1

PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 577.6| 0.0| 0.0| -1964.5| 0.0| 14.1|
TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-159.3	0.0	0.0	159.3
6- 1	si	5	Tz Si	-159.3	0.6	0.0	159.3
6- 1	si	9	Ty	-148.4	0.0	-3.1	148.5

PROGR. 70.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	990.1	0.0	0.0	-1964.5	0.0	9.4
5- 1	990.1	0.0	0.0	-1738.8	0.0	9.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-167.1	0.0	0.0
6- 1	si	5	Tz Si	-167.1	0.4	0.0
5- 1	si	9	Ty	-131.4	0.0	-2.0

PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1237.6| 0.0| 0.0| -1964.5| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-171.7	0.0	0.0	171.7
6- 1	si	5	Tz Si	-171.7	0.2	0.0	171.7
6- 1	si	9	Ty	-148.4	0.0	-1.0	148.4

PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1320.1| 0.0| 0.0| -1964.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx Si	-173.3	0.0	0.0	173.3
6- 1	si	5	Tz Si	-173.3	0.0	0.0	173.3
6- 1	si	9	Ty	-148.4	0.0	0.0	148.4

PROGR. 175.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	1237.6	0.0	0.0	-1964.5	0.0	-4.7
8- 2	1237.6	0.0	0.0	-432.6	0.0	-4.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-171.7	0.0	0.0
8- 2	si	5	Tz	-56.0	-0.2	0.0
8- 2	si	9	Ty	-32.7	0.0	1.0
6- 1	si	5	Si	-171.7	-0.2	0.0

PROGR. 210.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	990.1	0.0	0.0	-1964.5	0.0	-9.4
7- 2	990.1	0.0	0.0	-808.7	0.0	-9.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-167.1	0.0	0.0
7- 2	si	5	Tz	-79.8	-0.4	0.0
7- 2	si	9	Ty	-61.1	0.0	2.0
6- 1	si	5	Si	-167.1	-0.4	0.0

PROGR. 245.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	577.6	0.0	0.0	-1964.5	0.0	-14.1
7- 2	577.6	0.0	0.0	-808.7	0.0	-14.1
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-159.3	0.0	0.0
7- 2	si	5	Tz	-72.0	-0.6	0.0
7- 2	si	9	Ty	-61.1	0.0	3.1
6- 1	si	5	Si	-159.3	-0.6	0.0

PROGR. 280.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1964.5	0.0	-18.9
7- 2	0.0	0.0	0.0	-808.7	0.0	-18.9
TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	|Sx		-148.4	0.0	0.0	148.4
7- 2	|si| 5	Tz		-61.1	-0.8	0.0	61.1
7- 2	|si| 9	Ty		-61.1	0.0	4.1	61.5
6- 1	|si| 9	Si		-148.4	0.0	4.1	148.6

VERIFICA STABILITA` :

L0 = 280. |
Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a) =0.2100 |ki=0.8668 |
Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b) =0.3400 |ki=0.1722 |
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1964.5 |Mzeq = 1144.1 |Myeq = 0.0 |Ss = -884.2 (0.338)

P_IPE120_S009 (9) stato limite ultimo - ASTA (551- 320) 1911
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	0.0	0.0	0.0	-810.9	0.0	18.9
6- 1	0.0	0.0	0.0	-794.4	0.0	18.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si| 1	|Sx		-61.3	0.0	0.0	61.3
6- 1	|si| 5	Tz		-60.0	0.8	0.0	60.0
6- 1	|si| 9	Ty		-60.0	0.0	-4.1	60.4
8- 1	|si| 9	Si		-61.3	0.0	-4.1	61.7

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	577.6	0.0	0.0	-810.9	0.0	14.1
6- 1	577.6	0.0	0.0	-794.4	0.0	14.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si| 1	|Sx		-72.2	0.0	0.0	72.2
6- 1	|si| 5	Tz		-70.9	0.6	0.0	70.9
6- 1	|si| 9	Ty		-60.0	0.0	-3.1	60.3
8- 1	|si| 5	Si		-72.2	0.6	0.0	72.2

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	990.1	0.0	0.0	-810.9	0.0	9.4
6- 1	990.1	0.0	0.0	-794.4	0.0	9.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si| 1	|Sx		-79.9	0.0	0.0	79.9
6- 1	|si| 5	Tz		-78.7	0.4	0.0	78.7
6- 1	|si| 9	Ty		-60.0	0.0	-2.0	60.1
8- 1	|si| 5	Si		-79.9	0.4	0.0	79.9

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1237.6	0.0	0.0	-810.9	0.0	4.7
6- 1	1237.6	0.0	0.0	-794.4	0.0	4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si| 1	|Sx		-84.6	0.0	0.0	84.6
6- 1	|si| 5	Tz		-83.3	0.2	0.0	83.3
6- 1	|si| 9	Ty		-60.0	0.0	-1.0	60.0
8- 1	|si| 5	Si		-84.6	0.2	0.0	84.6

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1320.1	0.0	0.0	-810.9	0.0	0.0
6- 1	1320.1	0.0	0.0	-794.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si| 1	|Sx		-86.1	0.0	0.0	86.1
6- 1	|si| 5	Tz		-84.9	0.0	0.0	84.9
6- 1	|si| 9	Ty		-60.0	0.0	0.0	60.0

----- PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1237.6	0.0	0.0	-810.9	0.0	-4.7
8- 2	1237.6	0.0	0.0	-127.2	0.0	-4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si| 1	|Sx		-84.6	0.0	0.0	84.6
8- 2	|si| 5	Tz		-32.9	-0.2	0.0	32.9
8- 2	|si| 9	Ty		-9.6	0.0	1.0	9.8
8- 1	|si| 5	Si		-84.6	-0.2	0.0	84.6

----- PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	990.1	0.0	0.0	-810.9	0.0	-9.4
8- 2	990.1	0.0	0.0	-127.2	0.0	-9.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si| 1	|Sx		-79.9	0.0	0.0	79.9
8- 2	|si| 5	Tz		-28.3	-0.4	0.0	28.3
8- 2	|si| 9	Ty		-9.6	0.0	2.0	10.2
8- 1	|si| 5	Si		-79.9	-0.4	0.0	79.9

----- PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	577.6	0.0	0.0	-810.9	0.0	-14.1
8- 2	577.6	0.0	0.0	-127.2	0.0	-14.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	|si| 1	|Sx		-72.2	0.0	0.0	72.2

Copertura area carburante - Relazione di calcolo

| 8- 2|si| 5|	Tz	|	-20.5|	-0.6|	0.0|	20.5|						
| 8- 2|si| 9|	Ty	|	-9.6|	0.0|	3.1|	11.0|						
| 8- 1|si| 5|	Si	|	-72.2|	-0.6|	0.0|	72.2|						
							PROGR.	280.				
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 8- 1|	0.0|		0.0|		0.0|		-810.9|		0.0|		-18.9|	
| 8- 2|	0.0|		0.0|		0.0|		-127.2|		0.0|		-18.9|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 8- 1|si| 1|	Sx	|	-61.3|		0.0|		0.0|		61.3|			
| 8- 2|si| 5|	Tz	|	-9.6|		-0.8|		0.0|		9.7|			
| 8- 2|si| 9|	Ty	|	-9.6|		0.0|		4.1|		11.9|			
| 8- 1|si| 9|	Si	|	-61.3|		0.0|		4.1|		61.7|			

VERIFICA STABILITA` :												
|L0 = 280.|												
Y |Lc = 280.|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|												
Z |Lc = 280.|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|												
Caso 8- 1 - Nodo 1 - Asse Y												
Ned = -810.9|Mzeq = 1144.1|Myeq = 0.0|Ss = -377.7 (0.144)												

P_IPE120_S009 (9) stato limite ultimo - ASTA (320- 601) 1912												
											PROGR.	0.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 11-16|	0.0|		0.0|		0.0|		1539.1|		0.0|		14.5|	
| 8- 2|	0.0|		0.0|		0.0|		500.1|		0.0|		18.9|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 11-16|si| 1|	Sx	|	116.3|		0.0|		0.0|		116.3|			
| 8- 2|si| 5|	Tz	|	37.8|		0.8|		0.0|		37.8|			
| 8- 2|si| 9|	Ty	|	37.8|		0.0|		-4.1|		38.4|			
| 11-16|si| 9|	Si	|	116.3|		0.0|		-3.2|		116.4|			
											PROGR.	35.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 11-16|	444.3|		0.0|		0.0|		1539.1|		0.0|		10.9|	
| 8- 2|	577.6|		0.0|		0.0|		500.1|		0.0|		14.1|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 11-16|si| 3|	Sx	|	124.7|		0.0|		0.0|		124.7|			
| 8- 2|si| 5|	Tz	|	26.9|		0.6|		0.0|		26.9|			
| 8- 2|si| 9|	Ty	|	37.8|		0.0|		-3.1|		38.2|			
| 11-16|si| 7|	Si	|	124.7|		-0.4|		0.0|		124.7|			
											PROGR.	70.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 11-16|	761.6|		0.0|		0.0|		1539.1|		0.0|		7.3|	
| 8- 2|	990.1|		0.0|		0.0|		500.1|		0.0|		9.4|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 11-16|si| 3|	Sx	|	130.6|		0.0|		0.0|		130.6|			
| 8- 2|si| 5|	Tz	|	19.1|		0.4|		0.0|		19.1|			
| 8- 2|si| 9|	Ty	|	37.8|		0.0|		-2.0|		38.0|			
| 11-16|si| 7|	Si	|	130.6|		-0.3|		0.0|		130.6|			
											PROGR.	105.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 11-16|	952.0|		0.0|		0.0|		1539.1|		0.0|		3.6|	
| 8- 2|	1237.6|		0.0|		0.0|		500.1|		0.0|		4.7|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 11-16|si| 3|	Sx	|	134.2|		0.0|		0.0|		134.2|			
| 8- 2|si| 5|	Tz	|	14.5|		0.2|		0.0|		14.5|			
| 8- 2|si| 9|	Ty	|	37.8|		0.0|		-1.0|		37.8|			
| 11-16|si| 7|	Si	|	134.2|		-0.1|		0.0|		134.2|			
											PROGR.	140.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 11-16|	1015.5|		0.0|		0.0|		1539.1|		0.0|		0.0|	
| 6- 1|	1320.1|		0.0|		0.0|		1445.2|		0.0|		0.0|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 11-16|si| 3|	Sx	|	135.4|		0.0|		0.0|		135.4|			
| 6- 1|si| 5|	Tz	|	84.3|		0.0|		0.0|		84.3|			
| 6- 1|si| 9|	Ty	|	109.2|		0.0|		0.0|		109.2|			
											PROGR.	175.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 11-16|	952.0|		0.0|		0.0|		1539.1|		0.0|		-3.6|	
| 6- 1|	1237.6|		0.0|		0.0|		1445.2|		0.0|		-4.7|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 11-16|si| 3|	Sx	|	134.2|		0.0|		0.0|		134.2|			
| 6- 1|si| 5|	Tz	|	85.9|		-0.2|		0.0|		85.9|			
| 6- 1|si| 9|	Ty	|	109.2|		0.0|		1.0|		109.2|			
| 11-16|si| 7|	Si	|	134.2|		0.1|		0.0|		134.2|			
											PROGR.	210.
SOLLECITAZIONI :												
| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	
| 11-16|	761.6|		0.0|		0.0|		1539.1|		0.0|		-7.3|	
| 6- 1|	990.1|		0.0|		0.0|		1445.2|		0.0|		-9.4|	
TENSIONI (Sz= 0.00) :												
| Caso |	Ve|No|	massimi	|	Sx	|	Tz	|	Ty	|	Si		
| 11-16|si| 3|	Sx	|	130.6|		0.0|		0.0|		130.6|			
| 6- 1|si| 5|	Tz	|	90.5|		-0.4|		0.0|		90.5|			
6- 1 si 9	Ty		109.2		0.0		2.0		109.3			

Copertura area carburante - Relazione di calcolo

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| 11-16|si| 7|      Si|      130.6|      0.3|      0.0|      130.6|
-----
PROGR.          245.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|      444.3|      0.0|      0.0| 1539.1|      0.0| -10.9|
| 5- 1|      577.6|      0.0|      0.0| 1184.9|      0.0| -14.1|
| 6- 1|      577.6|      0.0|      0.0| 1445.2|      0.0| -14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 3|Sx |      124.7|      0.0|      0.0| 124.7|
| 5- 1|si| 5| Tz |      78.6|     -0.6|      0.0| 78.6|
| 6- 1|si| 9| Ty |      109.2|      0.0|      3.1| 109.3|
| 11-16|si| 7| Si |      124.7|      0.4|      0.0| 124.7|
-----
PROGR.          280.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|      0.0|      0.0|      0.0| 1539.1|      0.0| -14.5|
| 5- 1|      0.0|      0.0|      0.0| 1184.9|      0.0| -18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 1|Sx |      116.3|      0.0|      0.0| 116.3|
| 5- 1|si| 5| Tz |      89.5|     -0.8|      0.0| 89.5|
| 5- 1|si| 9| Ty |      89.5|      0.0|      4.1| 89.8|
| 11-16|si| 9| Si |      116.3|      0.0|      3.2| 116.4|
-----
VERIFICA STABILITA' :
|L0 = 280.1
Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso11- 1 - Nodo 1 - Asse Y
Ned = -918.3|Mzeq = 880.1|Myeq = 0.0|Ss = -419.8 ( 0.160)
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 601- 603) 1913
-----
PROGR.          0.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -2545.0|      0.0| 18.9|
| 7- 2|      0.0|      0.0|      0.0| -1466.3|      0.0| 18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -192.3|      0.0|      0.0| 192.3|
| 7- 2|si| 5| Tz |     -110.8|      0.8|      0.0| 110.8|
| 7- 2|si| 9| Ty |     -110.8|      0.0|     -4.1| 111.0|
| 6- 1|si| 9| Si |     -192.3|      0.0|     -4.1| 192.4|
-----
PROGR.          35.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      577.6|      0.0|      0.0| -2545.0|      0.0| 14.1|
| 8- 2|      577.6|      0.0|      0.0| -787.5|      0.0| 14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -203.2|      0.0|      0.0| 203.2|
| 8- 2|si| 5| Tz |     -70.4|      0.6|      0.0| 70.4|
| 8- 2|si| 9| Ty |     -59.5|      0.0|     -3.1| 59.7|
| 6- 1|si| 5| Si |     -203.2|      0.6|      0.0| 203.2|
-----
PROGR.          70.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      990.1|      0.0|      0.0| -2545.0|      0.0| 9.4|
| 8- 2|      990.1|      0.0|      0.0| -787.5|      0.0| 9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -210.9|      0.0|      0.0| 210.9|
| 8- 2|si| 5| Tz |     -78.2|      0.4|      0.0| 78.2|
| 8- 2|si| 9| Ty |     -59.5|      0.0|     -2.0| 59.6|
| 6- 1|si| 5| Si |     -210.9|      0.4|      0.0| 210.9|
-----
PROGR.          105.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1237.6|      0.0|      0.0| -2545.0|      0.0| 4.7|
| 8- 2|      1237.6|      0.0|      0.0| -787.5|      0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -215.6|      0.0|      0.0| 215.6|
| 8- 2|si| 5| Tz |     -82.8|      0.2|      0.0| 82.8|
| 8- 2|si| 9| Ty |     -59.5|      0.0|     -1.0| 59.5|
| 6- 1|si| 5| Si |     -215.6|      0.2|      0.0| 215.6|
-----
PROGR.          140.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1320.1|      0.0|      0.0| -2545.0|      0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -217.2|      0.0|      0.0| 217.2|
| 6- 1|si| 5| Tz |     -217.2|      0.0|      0.0| 217.2|
| 6- 1|si| 9| Ty |     -192.3|      0.0|      0.0| 192.3|
-----
PROGR.          175.
SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1237.6|      0.0|      0.0| -2545.0|      0.0| -4.7|
| 5- 1|      1237.6|      0.0|      0.0| -2137.8|      0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -215.6|      0.0|      0.0| 215.6|
| 5- 1|si| 5| Tz |     -184.8|     -0.2|      0.0| 184.8|
| 5- 1|si| 9| Ty |     -161.5|      0.0|      1.0| 161.5|
| 6- 1|si| 5| Si |     -215.6|     -0.2|      0.0| 215.6|
-----
PROGR.          210.

```

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 990.1 | 0.0 | 0.0 | -2545.0 | 0.0 | -9.4 |
| 5- 1 | 990.1 | 0.0 | 0.0 | -2137.8 | 0.0 | -9.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -210.9 | 0.0 | 0.0 | 210.9 |
| 5- 1|si| 5 | Tz | -180.2 | -0.4 | 0.0 | 180.2 |
| 5- 1|si| 9 | Ty | -161.5 | 0.0 | 2.0 | 161.6 |
| 6- 1|si| 5 | Si | -210.9 | -0.4 | 0.0 | 210.9 |
-----
PROGR. 245.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 577.6 | 0.0 | 0.0 | -2545.0 | 0.0 | -14.1 |
| 5- 1 | 577.6 | 0.0 | 0.0 | -2137.8 | 0.0 | -14.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -203.2 | 0.0 | 0.0 | 203.2 |
| 5- 1|si| 5 | Tz | -172.4 | -0.6 | 0.0 | 172.4 |
| 5- 1|si| 9 | Ty | -161.5 | 0.0 | 3.1 | 161.6 |
| 6- 1|si| 5 | Si | -203.2 | -0.6 | 0.0 | 203.2 |
-----
PROGR. 280.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -2545.0 | 0.0 | -18.9 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -2137.8 | 0.0 | -18.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | -192.3 | 0.0 | 0.0 | 192.3 |
| 5- 1|si| 5 | Tz | -161.5 | -0.8 | 0.0 | 161.5 |
| 5- 1|si| 9 | Ty | -161.5 | 0.0 | 4.1 | 161.7 |
| 6- 1|si| 9 | Si | -192.3 | 0.0 | 4.1 | 192.4 |
-----

VERIFICA STABILITA` :
|L0 = 280. |
Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a )=0.2100 |ki=0.8668 |
Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b )=0.3400 |ki=0.1722 |
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -2545.0 |Mzeq = 1144.1 |Myeq = 0.0 |Ss = -1139.2 ( 0.435)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 603- 605) 1914
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 0.0 | 0.0 | 0.0 | -1332.2 | 0.0 | 18.9 |
| 5- 1 | 0.0 | 0.0 | 0.0 | -978.8 | 0.0 | 18.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -100.7 | 0.0 | 0.0 | 100.7 |
| 5- 1|si| 5 | Tz | -74.0 | 0.8 | 0.0 | 74.0 |
| 5- 1|si| 9 | Ty | -74.0 | 0.0 | -4.1 | 74.3 |
| 6- 1|si| 9 | Si | -100.7 | 0.0 | -4.1 | 100.9 |
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 577.6 | 0.0 | 0.0 | -1332.2 | 0.0 | 14.1 |
| 5- 1 | 577.6 | 0.0 | 0.0 | -978.8 | 0.0 | 14.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -111.5 | 0.0 | 0.0 | 111.5 |
| 5- 1|si| 5 | Tz | -84.8 | 0.6 | 0.0 | 84.8 |
| 5- 1|si| 9 | Ty | -74.0 | 0.0 | -3.1 | 74.1 |
| 6- 1|si| 5 | Si | -111.5 | 0.6 | 0.0 | 111.5 |
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 990.1 | 0.0 | 0.0 | -1332.2 | 0.0 | 9.4 |
| 5- 1 | 990.1 | 0.0 | 0.0 | -978.8 | 0.0 | 9.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -119.3 | 0.0 | 0.0 | 119.3 |
| 5- 1|si| 5 | Tz | -92.6 | 0.4 | 0.0 | 92.6 |
| 5- 1|si| 9 | Ty | -74.0 | 0.0 | -2.0 | 74.0 |
| 6- 1|si| 5 | Si | -119.3 | 0.4 | 0.0 | 119.3 |
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 1237.6 | 0.0 | 0.0 | -1332.2 | 0.0 | 4.7 |
| 5- 1 | 1237.6 | 0.0 | 0.0 | -978.8 | 0.0 | 4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -124.0 | 0.0 | 0.0 | 124.0 |
| 5- 1|si| 5 | Tz | -97.3 | 0.2 | 0.0 | 97.3 |
| 5- 1|si| 9 | Ty | -74.0 | 0.0 | -1.0 | 74.0 |
| 6- 1|si| 5 | Si | -124.0 | 0.2 | 0.0 | 124.0 |
-----
PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 1320.1 | 0.0 | 0.0 | -1332.2 | 0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -125.5 | 0.0 | 0.0 | 125.5 |
| 6- 1|si| 5 | Tz | -125.5 | 0.0 | 0.0 | 125.5 |
| 6- 1|si| 9 | Ty | -100.7 | 0.0 | 0.0 | 100.7 |
-----
PROGR. 175.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1 | 1237.6 | 0.0 | 0.0 | -1332.2 | 0.0 | -4.7 |

```

Copertura area carburante - Relazione di calcolo

```

| 7- 2|      1237.6|      0.0|      0.0| -1135.6|      0.0|      -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|1|Sx | -124.0| 0.0| 0.0| 124.0|
| 7- 2|si|5| Tz | -109.1| -0.2| 0.0| 109.1|
| 7- 2|si|9| Ty | -85.8| 0.0| 1.0| 85.8|
| 6- 1|si|5| Si | -124.0| -0.2| 0.0| 124.0|
-----
PROGR. 210.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY | |
| 6- 1| 990.1| 0.0| 0.0| 0.0| -1332.2| 0.0| -9.4|
| 7- 2| 990.1| 0.0| 0.0| -1135.6| 0.0| -9.4|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|1|Sx | -119.3| 0.0| 0.0| 119.3|
| 7- 2|si|5| Tz | -104.5| -0.4| 0.0| 104.5|
| 7- 2|si|9| Ty | -85.8| 0.0| 2.0| 85.9|
| 6- 1|si|5| Si | -119.3| -0.4| 0.0| 119.3|
-----
PROGR. 245.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 577.6| 0.0| 0.0| -1332.2| 0.0| -14.1|
| 3- 2| 577.6| 0.0| 0.0| -1044.3| 0.0| -14.1|
| 7- 2| 577.6| 0.0| 0.0| -1135.6| 0.0| -14.1|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|1|Sx | -111.5| 0.0| 0.0| 111.5|
| 3- 2|si|5| Tz | -89.8| -0.6| 0.0| 89.8|
| 7- 2|si|9| Ty | -85.8| 0.0| 3.1| 86.0|
| 6- 1|si|5| Si | -111.5| -0.6| 0.0| 111.5|
-----
PROGR. 280.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1332.2| 0.0| -18.9|
| 7- 2| 0.0| 0.0| 0.0| -1135.6| 0.0| -18.9|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si|1|Sx | -100.7| 0.0| 0.0| 100.7|
| 7- 2|si|5| Tz | -85.8| -0.8| 0.0| 85.8|
| 7- 2|si|9| Ty | -85.8| 0.0| 4.1| 86.1|
| 6- 1|si|9| Si | -100.7| 0.0| 4.1| 100.9|
-----

```

VERIFICA STABILITA` :

```

|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1332.2|Mzeq = 1144.1|Myeq = 0.0|Ss = -606.6 ( 0.232)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 605- 338) 1915
-----
PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 2| 0.0| 0.0| 0.0| -451.8| 0.0| 18.9|
| 5- 1| 0.0| 0.0| 0.0| -234.1| 0.0| 18.9|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 2|si|1|Sx | -34.1| 0.0| 0.0| 34.1|
| 5- 1|si|5| Tz | -17.7| 0.8| 0.0| 17.7|
| 5- 1|si|9| Ty | -17.7| 0.0| -4.1| 19.1|
| 7- 2|si|9| Si | -34.1| 0.0| -4.1| 34.9|
-----
PROGR. 35.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 2| 577.6| 0.0| 0.0| -451.8| 0.0| 14.1|
| 6- 1| 577.6| 0.0| 0.0| -378.6| 0.0| 14.1|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 2|si|1|Sx | -45.0| 0.0| 0.0| 45.0|
| 6- 1|si|5| Tz | -39.5| 0.6| 0.0| 39.5|
| 6- 1|si|9| Ty | -28.6| 0.0| -3.1| 29.1|
| 7- 2|si|5| Si | -45.0| 0.6| 0.0| 45.0|
-----
PROGR. 70.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 2| 990.1| 0.0| 0.0| -451.8| 0.0| 9.4|
| 6- 1| 990.1| 0.0| 0.0| -378.6| 0.0| 9.4|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 2|si|1|Sx | -52.8| 0.0| 0.0| 52.8|
| 6- 1|si|5| Tz | -47.3| 0.4| 0.0| 47.3|
| 6- 1|si|9| Ty | -28.6| 0.0| -2.0| 28.8|
| 7- 2|si|5| Si | -52.8| 0.4| 0.0| 52.8|
-----
PROGR. 105.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 2| 1237.6| 0.0| 0.0| -451.8| 0.0| 4.7|
| 6- 1| 1237.6| 0.0| 0.0| -378.6| 0.0| 4.7|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 2|si|1|Sx | -57.5| 0.0| 0.0| 57.5|
| 6- 1|si|5| Tz | -51.9| 0.2| 0.0| 51.9|
| 6- 1|si|9| Ty | -28.6| 0.0| -1.0| 28.7|
| 7- 2|si|5| Si | -57.5| 0.2| 0.0| 57.5|
-----
PROGR. 140.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 2| 1320.1| 0.0| 0.0| -451.8| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```

| 6- 1|      1320.1|      0.0|      0.0|     -378.6|      0.0|      0.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 2|si| 1|Sx |      -59.0|      0.0|      0.0|      59.0|
| 6- 1|si| 5|  Tz |      -53.5|      0.0|      0.0|      53.5|
| 6- 1|si| 9|  Ty |      -28.6|      0.0|      0.0|      28.6|
-----
PROGR.      175.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 2|      1237.6|      0.0|      0.0|     -451.8|      0.0|     -4.7|
| 8- 2|      1237.6|      0.0|      0.0|     -211.0|      0.0|     -4.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 2|si| 1|Sx |      -57.5|      0.0|      0.0|      57.5|
| 8- 2|si| 5|  Tz |      -39.3|     -0.2|      0.0|      39.3|
| 8- 2|si| 9|  Ty |      -15.9|      0.0|      1.0|      16.0|
| 7- 2|si| 5|  Si |      -57.5|     -0.2|      0.0|      57.5|
-----
PROGR.      210.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 2|      990.1|      0.0|      0.0|     -451.8|      0.0|     -9.4|
| 8- 2|      990.1|      0.0|      0.0|     -211.0|      0.0|     -9.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 2|si| 1|Sx |      -52.8|      0.0|      0.0|      52.8|
| 8- 2|si| 5|  Tz |      -34.6|     -0.4|      0.0|      34.6|
| 8- 2|si| 9|  Ty |      -15.9|      0.0|      2.0|      16.3|
| 7- 2|si| 5|  Si |      -52.8|     -0.4|      0.0|      52.8|
-----
PROGR.      245.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 2|      577.6|      0.0|      0.0|     -451.8|      0.0|    -14.1|
| 8- 2|      577.6|      0.0|      0.0|     -211.0|      0.0|    -14.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 2|si| 1|Sx |      -45.0|      0.0|      0.0|      45.0|
| 8- 2|si| 5|  Tz |      -26.8|     -0.6|      0.0|      26.8|
| 8- 2|si| 9|  Ty |      -15.9|      0.0|      3.1|      16.8|
| 7- 2|si| 5|  Si |      -45.0|     -0.6|      0.0|      45.0|
-----
PROGR.      280.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 2|      0.0|      0.0|      0.0|     -451.8|      0.0|    -18.9|
| 8- 2|      0.0|      0.0|      0.0|     -211.0|      0.0|    -18.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 2|si| 1|Sx |      -34.1|      0.0|      0.0|      34.1|
| 8- 2|si| 5|  Tz |      -15.9|     -0.8|      0.0|      16.0|
| 8- 2|si| 9|  Ty |      -15.9|      0.0|      4.1|      17.5|
| 7- 2|si| 9|  Si |      -34.1|      0.0|      4.1|      34.9|
-----

```

VERIFICA STABILITA` :

```

|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr=      84177.2|alfa(a )=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr=      7316.3|alfa(b )=0.3400|ki=0.1722|
Caso 7- 2 - Nodo 1 - Asse Y
Ned =      -451.8|Mzeq =      1144.1|Myeq =      0.0|Ss =      -220.0 ( 0.084)

```

```

P_IPE120_S009 ( 9)      stato limite ultimo - ASTA ( 338- 645)      1916
-----
PROGR.      0.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0|     1938.1|      0.0|     19.5|
| 8- 2|      0.0|      0.0|      0.0|     464.5|      0.0|     19.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      146.4|      0.0|      0.0|     146.4|
| 8- 2|si| 5|  Tz |      35.1|      0.8|      0.0|      35.1|
| 8- 2|si| 9|  Ty |      35.1|      0.0|     -4.2|      35.9|
| 6- 1|si| 9|  Si |      146.4|      0.0|     -4.2|     146.6|
-----
PROGR.      36.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      619.5|      0.0|      0.0|     1938.1|      0.0|     14.6|
| 8- 2|      619.5|      0.0|      0.0|     464.5|      0.0|     14.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx |      158.1|      0.0|      0.0|     158.1|
| 8- 2|si| 5|  Tz |      23.4|      0.6|      0.0|      23.4|
| 8- 2|si| 9|  Ty |      35.1|      0.0|     -3.2|      35.5|
| 6- 1|si| 7|  Si |      158.1|     -0.6|      0.0|     158.1|
-----
PROGR.      72.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|     1062.1|      0.0|      0.0|     1938.1|      0.0|      9.8|
| 8- 2|     1062.1|      0.0|      0.0|     464.5|      0.0|      9.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx |      166.4|      0.0|      0.0|     166.4|
| 8- 2|si| 5|  Tz |      15.1|      0.4|      0.0|      15.1|
| 8- 2|si| 9|  Ty |      35.1|      0.0|     -2.1|      35.3|
| 6- 1|si| 7|  Si |      166.4|     -0.4|      0.0|     166.5|
-----
PROGR.      109.

```

```

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|     1327.6|      0.0|      0.0|     1938.1|      0.0|      4.9|
| 8- 2|     1327.6|      0.0|      0.0|     464.5|      0.0|      4.9|
TENSIONI (Sz=      0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	171.5	0.0	0.0	171.5
8-2	si	5	Tz	10.1	0.2	0.0	10.1
8-2	si	9	Ty	35.1	0.0	-1.1	35.1
6-1	si	7	Si	171.5	-0.2	0.0	171.5

----- PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1416.1	0.0	0.0	1938.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	173.1	0.0	0.0	173.1
6-1	si	5	Tz	119.8	0.0	0.0	119.8
6-1	si	9	Ty	146.4	0.0	0.0	146.4

----- PROGR. 181.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1327.6	0.0	0.0	1938.1	0.0	-4.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	171.5	0.0	0.0	171.5
6-1	si	5	Tz	121.4	-0.2	0.0	121.4
6-1	si	9	Ty	146.4	0.0	1.1	146.4
6-1	si	7	Si	171.5	0.2	0.0	171.5

----- PROGR. 218.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1062.1	0.0	0.0	1938.1	0.0	-9.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	166.4	0.0	0.0	166.4
6-1	si	5	Tz	126.4	-0.4	0.0	126.4
6-1	si	9	Ty	146.4	0.0	2.1	146.5
6-1	si	7	Si	166.4	0.4	0.0	166.5

----- PROGR. 254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	619.5	0.0	0.0	1938.1	0.0	-14.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	158.1	0.0	0.0	158.1
6-1	si	5	Tz	134.8	-0.6	0.0	134.8
6-1	si	9	Ty	146.4	0.0	3.2	146.5
6-1	si	7	Si	158.1	0.6	0.0	158.1

----- PROGR. 290.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	1938.1	0.0	-19.5
5-1	0.0	0.0	0.0	1602.6	0.0	-19.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	146.4	0.0	0.0	146.4
6-1	si	5	Tz	146.4	-0.8	0.0	146.4
5-1	si	9	Ty	121.1	0.0	4.2	121.3
6-1	si	9	Si	146.4	0.0	4.2	146.6

VERIFICA STABILITA` :

L0 = 290.0
 Z |Lc = 290.0|Ro = 4.90|lm = 59.1|Ncr = 78472.0|alfa(a) = 0.2100|ki = 0.8565|
 Y |Lc = 290.0|Ro = 1.45|lm = 200.6|Ncr = 6820.4|alfa(b) = 0.3400|ki = 0.1615|
 Caso11- 1 - Nodo 1 - Asse Y
 Ned = -719.3|Mzeq = 944.1|Myeq = 0.0|Ss = -354.5 (0.135)

P_IPE120_S009 (9) stato limite ultimo - ASTA (645- 647) 1917
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-2414.4	0.0	19.5
1-1	0.0	0.0	0.0	-1541.3	0.0	19.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-182.4	0.0	0.0	182.4
1-1	si	5	Tz	-116.5	0.8	0.0	116.5
1-1	si	9	Ty	-116.5	0.0	-4.2	116.7
6-1	si	9	Si	-182.4	0.0	-4.2	182.6

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	619.5	0.0	0.0	-2414.4	0.0	14.6
1-1	619.5	0.0	0.0	-1541.3	0.0	14.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-194.1	0.0	0.0	194.1
1-1	si	5	Tz	-128.1	0.6	0.0	128.1
1-1	si	9	Ty	-116.5	0.0	-3.2	116.6
6-1	si	5	Si	-194.1	0.6	0.0	194.1

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1062.1	0.0	0.0	-2414.4	0.0	9.8
1-1	1062.1	0.0	0.0	-1541.3	0.0	9.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-202.4	0.0	0.0	202.4
1-1	si	5	Tz	-136.5	0.4	0.0	136.5
1-1	si	9	Ty	-116.5	0.0	-2.1	116.5
6-1	si	5	Si	-202.4	0.4	0.0	202.4

----- PROGR. 109.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	1327.6	0.0	0.0	-2414.4	0.0	4.9		
7- 1	1327.6	0.0	0.0	-1775.9	0.0	4.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-207.4	0.0	0.0	207.4	
7- 1	|si	|5	|Tz	-159.2	0.2	0.0	159.2	
7- 1	|si	|9	|Ty	-134.2	0.0	-1.1	134.2	
6- 1	|si	|5	|Si	-207.4	0.2	0.0	207.4	
							145.	
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	1416.1	0.0	0.0	-2414.4	0.0	0.0		
11-16	1089.3	0.0	0.0	-1047.8	0.0	0.0		
11-11	1089.3	0.0	0.0	-1259.2	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-209.1	0.0	0.0	209.1	
11-16	|si	|5	|Tz	-99.7	0.0	0.0	99.7	
11-11	|si	|9	|Ty	-95.1	0.0	0.0	95.1	
							181.	
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	1327.6	0.0	0.0	-2414.4	0.0	-4.9		
2- 1	1327.6	0.0	0.0	-2008.2	0.0	-4.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-207.4	0.0	0.0	207.4	
6- 1	|si	|5	|Tz	-207.4	-0.2	0.0	207.4	
2- 1	|si	|9	|Ty	-151.7	0.0	1.1	151.7	
							218.	
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	1062.1	0.0	0.0	-2414.4	0.0	-9.8		
1- 1	1062.1	0.0	0.0	-1541.3	0.0	-9.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-202.4	0.0	0.0	202.4	
1- 1	|si	|5	|Tz	-136.5	-0.4	0.0	136.5	
1- 1	|si	|9	|Ty	-116.5	0.0	2.1	116.5	
6- 1	|si	|5	|Si	-202.4	-0.4	0.0	202.4	
							254.	
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	619.5	0.0	0.0	-2414.4	0.0	-14.6		
1- 1	619.5	0.0	0.0	-1541.3	0.0	-14.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-194.1	0.0	0.0	194.1	
1- 1	|si	|5	|Tz	-128.1	-0.6	0.0	128.1	
1- 1	|si	|9	|Ty	-116.5	0.0	3.2	116.6	
6- 1	|si	|5	|Si	-194.1	-0.6	0.0	194.1	
							290.	
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	0.0	0.0	0.0	-2414.4	0.0	-19.5		
1- 1	0.0	0.0	0.0	-1541.3	0.0	-19.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-182.4	0.0	0.0	182.4	
1- 1	|si	|5	|Tz	-116.5	-0.8	0.0	116.5	
1- 1	|si	|9	|Ty	-116.5	0.0	4.2	116.7	
6- 1	|si	|9	|Si	-182.4	0.0	4.2	182.6	
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	0.0	0.0	0.0	-2414.4	0.0	-19.5		
1- 1	0.0	0.0	0.0	-1541.3	0.0	-19.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-182.4	0.0	0.0	182.4	
1- 1	|si	|5	|Tz	-116.5	-0.8	0.0	116.5	
1- 1	|si	|9	|Ty	-116.5	0.0	4.2	116.7	
6- 1	|si	|9	|Si	-182.4	0.0	4.2	182.6	
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	619.5	0.0	0.0	-2414.4	0.0	14.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-129.1	0.0	0.0	129.1	
6- 1	|si	|5	|Tz	-129.1	0.6	0.0	129.1	
6- 1	|si	|9	|Ty	-117.4	0.0	-3.2	117.5	
							72.	
----- PROGR.								
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	1062.1	0.0	0.0	-1553.8	0.0	9.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	|si	|1	|Sx	-137.4	0.0	0.0	137.4	

VERIFICA STABILITA` :

L0 = 290. |
 Z |Lc = 290. |Ro = 4.90 |lm = 59.1 |Ncr= 78472.0 |alfa(a)=0.2100 |ki=0.8565 |
 Y |Lc = 290. |Ro = 1.45 |lm = 200.6 |Ncr= 6820.4 |alfa(b)=0.3400 |ki=0.1615 |
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -2414.4 |Mzeq = 1227.3 |Myeq = 0.0 |Ss = -1153.4 (0.440)

P_IPE120_S009 (9) stato limite ultimo - ASTA (647- 356) 1918
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	0.0	0.0	0.0	-1553.8	0.0	19.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-117.4	0.0	0.0	117.4
6- 1	|si	|5	|Tz	-117.4	0.8	0.0	117.4
6- 1	|si	|9	|Ty	-117.4	0.0	-4.2	117.6
							36.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	619.5	0.0	0.0	-1553.8	0.0	14.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-129.1	0.0	0.0	129.1
6- 1	|si	|5	|Tz	-129.1	0.6	0.0	129.1
6- 1	|si	|9	|Ty	-117.4	0.0	-3.2	117.5
							72.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	1062.1	0.0	0.0	-1553.8	0.0	9.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si	|1	|Sx	-137.4	0.0	0.0	137.4

Copertura area carburante - Relazione di calcolo

6-1	si	5	Tz	Si	-137.4	0.4	0.0	137.4
6-1	si	9	Ty		-117.4	0.0	-2.1	117.5

109.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1327.6	0.0	0.0	-1553.8	0.0	4.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-142.4	0.0	0.0	142.4
6-1	si	5	Tz	-142.4	0.2	0.0	142.4
6-1	si	9	Ty	-117.4	0.0	-1.1	117.4

145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1416.1	0.0	0.0	-1553.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-144.1	0.0	0.0	144.1
6-1	si	5	Tz	-144.1	0.0	0.0	144.1
6-1	si	9	Ty	-117.4	0.0	0.0	117.4

181.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1327.6	0.0	0.0	-1553.8	0.0	-4.9
8-2	1327.6	0.0	0.0	-641.2	0.0	-4.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-142.4	0.0	0.0	142.4
8-2	si	6	Tz	-73.5	0.2	0.0	73.5
8-2	si	9	Ty	-48.4	0.0	1.1	48.5
6-1	si	5	Si	-142.4	-0.2	0.0	142.4

218.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1062.1	0.0	0.0	-1553.8	0.0	-9.8
8-2	1062.1	0.0	0.0	-641.2	0.0	-9.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-137.4	0.0	0.0	137.4
8-2	si	5	Tz	-68.5	-0.4	0.0	68.5
8-2	si	9	Ty	-48.4	0.0	2.1	48.6
6-1	si	5	Si	-137.4	-0.4	0.0	137.4

254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	619.5	0.0	0.0	-1553.8	0.0	-14.6
8-2	619.5	0.0	0.0	-641.2	0.0	-14.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-129.1	0.0	0.0	129.1
8-2	si	5	Tz	-60.1	-0.6	0.0	60.1
8-2	si	9	Ty	-48.4	0.0	3.2	48.8
6-1	si	5	Si	-129.1	-0.6	0.0	129.1

290.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-1553.8	0.0	-19.5
8-2	0.0	0.0	0.0	-641.2	0.0	-19.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-117.4	0.0	0.0	117.4
8-2	si	5	Tz	-48.4	-0.8	0.0	48.5
8-2	si	9	Ty	-48.4	0.0	4.2	49.0
6-1	si	9	Si	-117.4	0.0	4.2	117.6

VERIFICA STABILITA` :

$L_0 = 290.$
 $Z \quad |L_c = 290. |R_o = 4.90|l_m = 59.1|N_{cr} = 78472.0|alfa(a) = 0.2100|k_i = 0.8565|$
 $Y \quad |L_c = 290. |R_o = 1.45|l_m = 200.6|N_{cr} = 6820.4|alfa(b) = 0.3400|k_i = 0.1615|$
 Caso 6-1 - Nodo 1 - Asse Y
 $N_{ed} = -1553.8|M_{z_{eq}} = 1227.3|M_{y_{eq}} = 0.0|S_s = -750.5 (0.287)$

P_IPE120_S009 (9) stato limite ultimo - ASTA (356- 681) 1919
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	1401.4	0.0	22.9
5-1	0.0	0.0	0.0	1074.2	0.0	22.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	105.9	0.0	0.0	105.9
6-1	si	6	Tz	105.9	-0.9	0.0	105.9
5-1	si	9	Ty	81.2	0.0	-5.0	81.6
6-1	si	9	Si	105.9	0.0	-5.0	106.2

42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	851.6	0.0	0.0	1401.4	0.0	17.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	121.9	0.0	0.0	121.9
6-1	si	6	Tz	89.8	-0.7	0.0	89.8
6-1	si	9	Ty	105.9	0.0	-3.7	106.1
6-1	si	7	Si	121.9	-0.7	0.0	121.9

85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1459.9	0.0	0.0	1401.4	0.0	11.5

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 133.4| 0.0| 0.0| 133.4|
| 6- 1|si| 6| Tz | 78.4| -0.5| 0.0| 78.4|
| 6- 1|si| 9| Ty | 105.9| 0.0| -2.5| 106.0|
| 6- 1|si| 7| Si | 133.4| -0.5| 0.0| 133.4|
-----
PROGR. 128.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1824.8| 0.0| 0.0| 1401.4| 0.0| 5.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 140.3| 0.0| 0.0| 140.3|
| 6- 1|si| 6| Tz | 71.5| -0.2| 0.0| 71.5|
| 6- 1|si| 9| Ty | 105.9| 0.0| -1.2| 105.9|
| 6- 1|si| 7| Si | 140.3| -0.2| 0.0| 140.3|
-----
PROGR. 170.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1946.5| 0.0| 0.0| 1401.4| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 142.6| 0.0| 0.0| 142.6|
| 6- 1|si| 6| Tz | 69.2| 0.0| 0.0| 69.2|
| 6- 1|si| 9| Ty | 105.9| 0.0| 0.0| 105.9|
-----
PROGR. 212.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1824.8| 0.0| 0.0| 1401.4| 0.0| -5.7|
| 8- 2| 1824.8| 0.0| 0.0| 186.5| 0.0| -5.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 140.3| 0.0| 0.0| 140.3|
| 8- 2|si| 5| Tz | -20.3| -0.2| 0.0| 20.3|
| 8- 2|si| 9| Ty | 14.1| 0.0| 1.2| 14.3|
| 6- 1|si| 7| Si | 140.3| 0.2| 0.0| 140.3|
-----
PROGR. 255.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1459.9| 0.0| 0.0| 1401.4| 0.0| -11.5|
| 8- 2| 1459.9| 0.0| 0.0| 186.5| 0.0| -11.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | 133.4| 0.0| 0.0| 133.4|
| 8- 2|si| 5| Tz | -13.4| -0.5| 0.0| 13.4|
| 8- 2|si| 9| Ty | 14.1| 0.0| 2.5| 14.7|
| 6- 1|si| 7| Si | 133.4| 0.5| 0.0| 133.4|
-----
PROGR. 298.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 851.6| 0.0| 0.0| 1401.4| 0.0| -17.2|
| 8- 2| 851.6| 0.0| 0.0| 186.5| 0.0| -17.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx | 121.9| 0.0| 0.0| 121.9|
| 8- 2|si| 5| Tz | -2.0| -0.7| 0.0| 2.3|
| 8- 2|si| 9| Ty | 14.1| 0.0| 3.7| 15.5|
| 6- 1|si| 7| Si | 121.9| 0.7| 0.0| 121.9|
-----
PROGR. 340.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| 1401.4| 0.0| -22.9|
| 8- 2| 0.0| 0.0| 0.0| 186.5| 0.0| -22.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 4|Sx | 105.9| 0.0| 0.0| 105.9|
| 8- 2|si| 5| Tz | 14.1| -0.9| 0.0| 14.2|
| 8- 2|si| 9| Ty | 14.1| 0.0| 5.0| 16.5|
| 6- 1|si| 9| Si | 105.9| 0.0| 5.0| 106.2|
-----
PROGR. 42.

VERIFICA STABILITA` :
|L0 = 340.0|
Z |Lc = 340.0|Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
Y |Lc = 340.0|Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
Caso11- 2 - Nodo 1 - Asse Y
Ned = -222.0|Mzeq = 1297.7|Myeq = 0.0|Ss = -163.9 ( 0.063)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 681- 683) 1920
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3186.1| 0.0| 22.9|
| 7- 2| 0.0| 0.0| 0.0| -1644.3| 0.0| 22.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -240.7| 0.0| 0.0| 240.7|
| 7- 2|si| 5| Tz | -124.2| 0.9| 0.0| 124.2|
| 7- 2|si| 9| Ty | -124.2| 0.0| -5.0| 124.5|
| 6- 1|si| 9| Si | -240.7| 0.0| -5.0| 240.9|
-----
PROGR. 42.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 851.6| 0.0| 0.0| -3186.1| 0.0| 17.2|
| 7- 2| 851.6| 0.0| 0.0| -1644.3| 0.0| 17.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -256.8| 0.0| 0.0| 256.8|
| 7- 2|si| 5| Tz | -140.3| 0.7| 0.0| 140.3|

```

Copertura area carburante - Relazione di calcolo

```

| 7- 2|si| 9| Ty | -124.2| 0.0| -3.7| 124.4|
| 6- 1|si| 5| Si | -256.8| 0.7| 0.0| 256.8|
-----

```

PROGR. 85.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1459.9| 0.0| 0.0| -3186.1| 0.0| 11.5|
| 7- 2| 1459.9| 0.0| 0.0| -1644.3| 0.0| 11.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -268.2| 0.0| 0.0| 268.2|
| 7- 2|si| 5| Tz | -151.7| 0.5| 0.0| 151.7|
| 7- 2|si| 9| Ty | -124.2| 0.0| -2.5| 124.3|
| 6- 1|si| 5| Si | -268.2| 0.5| 0.0| 268.2|
-----

```

PROGR. 128.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1824.8| 0.0| 0.0| -3186.1| 0.0| 5.7|
| 7- 2| 1824.8| 0.0| 0.0| -1644.3| 0.0| 5.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -275.1| 0.0| 0.0| 275.1|
| 7- 2|si| 5| Tz | -158.6| 0.2| 0.0| 158.6|
| 7- 2|si| 9| Ty | -124.2| 0.0| -1.2| 124.3|
| 6- 1|si| 5| Si | -275.1| 0.2| 0.0| 275.1|
-----

```

PROGR. 170.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1946.5| 0.0| 0.0| -3186.1| 0.0| 0.0|
| 5- 1| 1946.5| 0.0| 0.0| -2869.2| 0.0| 0.0|
| 7- 1| 1946.5| 0.0| 0.0| -2332.7| 0.0| 0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si | -277.4| 0.0| 0.0| 277.4|
| 5- 1|si| 5| Tz | -253.5| 0.0| 0.0| 253.5|
| 7- 1|si| 9| Ty | -176.2| 0.0| 0.0| 176.2|
-----

```

PROGR. 212.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1824.8| 0.0| 0.0| -3186.1| 0.0| -5.7|
| 5- 1| 1824.8| 0.0| 0.0| -2869.2| 0.0| -5.7|
| 3- 1| 1824.8| 0.0| 0.0| -2195.0| 0.0| -5.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -275.1| 0.0| 0.0| 275.1|
| 5- 1|si| 5| Tz | -251.2| -0.2| 0.0| 251.2|
| 3- 1|si| 9| Ty | -165.8| 0.0| 1.2| 165.9|
| 6- 1|si| 5| Si | -275.1| -0.2| 0.0| 275.1|
-----

```

PROGR. 255.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1459.9| 0.0| 0.0| -3186.1| 0.0| -11.5|
| 7- 1| 1459.9| 0.0| 0.0| -2332.7| 0.0| -11.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -268.2| 0.0| 0.0| 268.2|
| 7- 1|si| 5| Tz | -203.8| -0.5| 0.0| 203.8|
| 7- 1|si| 9| Ty | -176.2| 0.0| 2.5| 176.3|
| 6- 1|si| 5| Si | -268.2| -0.5| 0.0| 268.2|
-----

```

PROGR. 298.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 851.6| 0.0| 0.0| -3186.1| 0.0| -17.2|
| 2- 1| 851.6| 0.0| 0.0| -2662.7| 0.0| -17.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -256.8| 0.0| 0.0| 256.8|
| 2- 1|si| 5| Tz | -217.2| -0.7| 0.0| 217.2|
| 2- 1|si| 9| Ty | -201.2| 0.0| 3.7| 201.3|
| 6- 1|si| 5| Si | -256.8| -0.7| 0.0| 256.8|
-----

```

PROGR. 340.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -3186.1| 0.0| -22.9|
| 2- 1| 0.0| 0.0| 0.0| -2662.7| 0.0| -22.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -240.7| 0.0| 0.0| 240.7|
| 2- 1|si| 5| Tz | -201.2| -0.9| 0.0| 201.2|
| 2- 1|si| 9| Ty | -201.2| 0.0| 5.0| 201.4|
| 6- 1|si| 9| Si | -240.7| 0.0| 5.0| 240.9|
-----

```

VERIFICA STABILITA` :

```

|L0 = 340. |
Z |Lc = 340. |Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
Y |Lc = 340. |Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -3186.1|Mzeq = 1687.0|Myeq = 0.0|Ss = -2032.8 ( 0.776)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 683- 374) 1921
-----

```

PROGR. 0.

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -2128.2| 0.0| 22.9|
| 8- 2| 0.0| 0.0| 0.0| -863.7| 0.0| 22.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -160.8| 0.0| 0.0| 160.8|
| 8- 2|si| 5| Tz | -65.3| 0.9| 0.0| 65.3|

```

Copertura area carburante - Relazione di calcolo

| 8- 2|si| 9|	Ty	-65.3|	0.0|	-5.0|	65.8|		
| 6- 1|si| 9|	Si	-160.8|	0.0|	-5.0|	161.0|		
-----							PROGR. 42.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	851.6|	0.0|	0.0|	-2128.2|	0.0|	17.2|	
| 8- 2|	851.6|	0.0|	0.0|	-863.7|	0.0|	17.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	-176.8|	0.0|	0.0|	176.8|			
| 8- 2|si| 5| Tz	-81.3|	0.7|	0.0|	81.3|			
| 8- 2|si| 9| Ty	-65.3|	0.0|	-3.7|	65.6|			
| 6- 1|si| 5| Si	-176.8|	0.7|	0.0|	176.8|			
-----							PROGR. 85.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	1459.9|	0.0|	0.0|	-2128.2|	0.0|	11.5|	
| 8- 2|	1459.9|	0.0|	0.0|	-863.7|	0.0|	11.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	-188.3|	0.0|	0.0|	188.3|			
| 8- 2|si| 5| Tz	-92.8|	0.5|	0.0|	92.8|			
| 8- 2|si| 9| Ty	-65.3|	0.0|	-2.5|	65.4|			
| 6- 1|si| 5| Si	-188.3|	0.5|	0.0|	188.3|			
-----							PROGR. 128.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	1824.8|	0.0|	0.0|	-2128.2|	0.0|	5.7|	
| 8- 2|	1824.8|	0.0|	0.0|	-863.7|	0.0|	5.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	-195.2|	0.0|	0.0|	195.2|			
| 8- 2|si| 5| Tz	-99.6|	0.2|	0.0|	99.6|			
| 8- 2|si| 9| Ty	-65.3|	0.0|	-1.2|	65.3|			
| 6- 1|si| 5| Si	-195.2|	0.2|	0.0|	195.2|			
-----							PROGR. 170.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	1946.5|	0.0|	0.0|	-2128.2|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	-197.5|	0.0|	0.0|	197.5|			
| 6- 1|si| 6| Tz	-197.5|	0.0|	0.0|	197.5|			
| 6- 1|si| 9| Ty	-160.8|	0.0|	0.0|	160.8|			
-----							PROGR. 212.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	1824.8|	0.0|	0.0|	-2128.2|	0.0|	-5.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	-195.2|	0.0|	0.0|	195.2|			
| 6- 1|si| 6| Tz	-195.2|	0.2|	0.0|	195.2|			
| 6- 1|si| 9| Ty	-160.8|	0.0|	1.2|	160.8|			
| 6- 1|si| 5| Si	-195.2|	-0.2|	0.0|	195.2|			
-----							PROGR. 255.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	1459.9|	0.0|	0.0|	-2128.2|	0.0|	-11.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	-188.3|	0.0|	0.0|	188.3|			
| 6- 1|si| 6| Tz	-188.3|	0.5|	0.0|	188.3|			
| 6- 1|si| 9| Ty	-160.8|	0.0|	2.5|	160.9|			
| 6- 1|si| 5| Si	-188.3|	-0.5|	0.0|	188.3|			
-----							PROGR. 298.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	851.6|	0.0|	0.0|	-2128.2|	0.0|	-17.2|	
| 5- 1|	851.6|	0.0|	0.0|	-1975.6|	0.0|	-17.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	-176.8|	0.0|	0.0|	176.8|			
| 5- 1|si| 6| Tz	-165.3|	0.7|	0.0|	165.3|			
| 5- 1|si| 9| Ty	-149.3|	0.0|	3.7|	149.4|			
| 6- 1|si| 5| Si	-176.8|	-0.7|	0.0|	176.8|			
-----							PROGR. 340.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	0.0|	0.0|	0.0|	-2128.2|	0.0|	-22.9|	
| 5- 1|	0.0|	0.0|	0.0|	-1975.6|	0.0|	-22.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 4|Sx	-160.8|	0.0|	0.0|	160.8|			
| 5- 1|si| 6| Tz	-149.3|	0.9|	0.0|	149.3|			
| 5- 1|si| 9| Ty	-149.3|	0.0|	5.0|	149.5|			
| 6- 1|si| 9| Si	-160.8|	0.0|	5.0|	161.0|			

VERIFICA STABILITA` :

|L0 = 340.0|
 Z |Lc = 340.0|Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
 Y |Lc = 340.0|Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -2128.2|Mzeq = 1687.0|Myeq = 0.0|Ss = -1368.4 (0.522)

P_IPE120_S009 (9) stato limite ultimo - ASTA (374- 727) 1922

 PROGR. 0.

SOLLECITAZIONI :
 | Caso | MZ | MY | MT | N | TZ | TY |

Copertura area carburante - Relazione di calcolo

| 6- 1|	0.0|	0.0|	0.0|	1326.9|	0.0|	21.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	100.3|	0.0|	0.0|	100.3|		
| 6- 1|si| 5| Tz |	100.3|	0.9|	0.0|	100.3|		
| 6- 1|si| 9| TySi|	100.3|	0.0|	-4.6|	100.6|		
-----						40.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	743.1|	0.0|	0.0|	1326.9|	0.0|	16.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	114.3|	0.0|	0.0|	114.3|		
| 6- 1|si| 5| Tz |	86.2|	0.7|	0.0|	86.3|		
| 6- 1|si| 9| Ty |	100.3|	0.0|	-3.5|	100.4|		
| 6- 1|si| 7| Si |	114.3|	-0.7|	0.0|	114.3|		
-----						79.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1273.9|	0.0|	0.0|	1326.9|	0.0|	10.7|
| 5- 1|	1273.9|	0.0|	0.0|	965.4|	0.0|	10.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	124.3|	0.0|	0.0|	124.3|		
| 5- 1|si| 5| Tz |	48.9|	0.4|	0.0|	48.9|		
| 5- 1|si| 9| Ty |	72.9|	0.0|	-2.3|	73.1|		
| 6- 1|si| 7| Si |	124.3|	-0.4|	0.0|	124.3|		
-----						119.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1592.3|	0.0|	0.0|	1326.9|	0.0|	5.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	130.3|	0.0|	0.0|	130.3|		
| 6- 1|si| 5| Tz |	70.2|	0.2|	0.0|	70.2|		
| 6- 1|si| 9| Ty |	100.3|	0.0|	-1.2|	100.3|		
| 6- 1|si| 7| Si |	130.3|	-0.2|	0.0|	130.3|		
-----						159.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1698.5|	0.0|	0.0|	1326.9|	0.0|	0.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	132.3|	0.0|	0.0|	132.3|		
| 6- 1|si| 5| Tz |	68.2|	0.0|	0.0|	68.2|		
| 6- 1|si| 9| Ty |	100.3|	0.0|	0.0|	100.3|		
-----						199.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1592.3|	0.0|	0.0|	1326.9|	0.0|	-5.3|
| 8- 2|	1592.3|	0.0|	0.0|	19.1|	0.0|	-5.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	130.3|	0.0|	0.0|	130.3|		
| 8- 2|si| 5| Tz |	-28.6|	-0.2|	0.0|	28.6|		
| 8- 2|si| 9| Ty |	1.4|	0.0|	1.2|	2.5|		
| 6- 1|si| 7| Si |	130.3|	0.2|	0.0|	130.3|		
-----						238.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1273.9|	0.0|	0.0|	1326.9|	0.0|	-10.7|
| 8- 2|	1273.9|	0.0|	0.0|	19.1|	0.0|	-10.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	124.3|	0.0|	0.0|	124.3|		
| 8- 2|si| 5| Tz |	-22.6|	-0.4|	0.0|	22.6|		
| 8- 2|si| 9| Ty |	1.4|	0.0|	2.3|	4.3|		
| 6- 1|si| 7| Si |	124.3|	0.4|	0.0|	124.3|		
-----						278.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	743.1|	0.0|	0.0|	1326.9|	0.0|	-16.0|
| 8- 2|	743.1|	0.0|	0.0|	19.1|	0.0|	-16.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	114.3|	0.0|	0.0|	114.3|		
| 8- 2|si| 5| Tz |	-12.6|	-0.7|	0.0|	12.6|		
| 8- 2|si| 9| Ty |	1.4|	0.0|	3.5|	6.2|		
| 6- 1|si| 7| Si |	114.3|	0.7|	0.0|	114.3|		
-----						318.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	1326.9|	0.0|	-21.4|
| 8- 2|	0.0|	0.0|	0.0|	19.1|	0.0|	-21.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	100.3|	0.0|	0.0|	100.3|		
| 8- 2|si| 5| Tz |	1.4|	-0.9|	0.0|	2.1|		
| 8- 2|si| 9| Ty |	1.4|	0.0|	4.6|	8.2|		
| 6- 1|si| 9| Si |	100.3|	0.0|	4.6|	100.6|		

VERIFICA STABILITA` :						
|L0 =	318. |					
Z |Lc =	318. |Ro = 4.90|lm = 64.8|Ncr=	65425.9|alfa(a)=0.2100|ki=0.8251|				
Y |Lc =	318. |Ro = 1.45|lm = 219.6|Ncr=	5686.5|alfa(b)=0.3400|ki=0.1366|				
Caso11- 8 - Nodo 1 - Asse Y						
Ned =	-376.1|Mzeq =	1132.3|Myeq =	0.0|Ss =	-229.4 (0.088)		

Copertura area carburante - Relazione di calcolo

P_IPE120_S009 (9)	stato limite ultimo - ASTA (727- 729)						1923

SOLLECITAZIONI :						PROGR.	0.
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	0.0 |	0.0 |	0.0 |	-2002.8 |	0.0 |	16.5 |	
| 5- 1 |	0.0 |	0.0 |	0.0 |	-1609.1 |	0.0 |	21.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-151.3 |	0.0 |	0.0 |	151.3 |		
| 5- 1 |	| 5 | Tz	-121.6 |	0.9 |	0.0 |	121.6 |		
| 5- 1 |	| 9 | Ty	-121.6 |	0.0 |	-4.6 |	121.8 |		
| 11-16 |	| 9 | Si	-151.3 |	0.0 |	-3.6 |	151.5 |		
-----						PROGR.	40.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	571.6 |	0.0 |	0.0 |	-2002.8 |	0.0 |	12.3 |	
| 5- 1 |	743.1 |	0.0 |	0.0 |	-1609.1 |	0.0 |	16.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-162.1 |	0.0 |	0.0 |	162.1 |		
| 5- 1 |	| 5 | Tz	-135.6 |	0.7 |	0.0 |	135.6 |		
| 5- 1 |	| 9 | Ty	-121.6 |	0.0 |	-3.5 |	121.7 |		
| 11-16 |	| 5 | Si	-162.1 |	0.5 |	0.0 |	162.1 |		
-----						PROGR.	79.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	979.9 |	0.0 |	0.0 |	-2002.8 |	0.0 |	8.2 |	
| 5- 1 |	1273.9 |	0.0 |	0.0 |	-1609.1 |	0.0 |	10.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-169.8 |	0.0 |	0.0 |	169.8 |		
| 5- 1 |	| 5 | Tz	-145.6 |	0.4 |	0.0 |	145.6 |		
| 5- 1 |	| 9 | Ty	-121.6 |	0.0 |	-2.3 |	121.6 |		
| 11-16 |	| 5 | Si	-169.8 |	0.3 |	0.0 |	169.8 |		
-----						PROGR.	119.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	1224.9 |	0.0 |	0.0 |	-2002.8 |	0.0 |	4.1 |	
| 5- 1 |	1592.3 |	0.0 |	0.0 |	-1609.1 |	0.0 |	5.3 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-174.4 |	0.0 |	0.0 |	174.4 |		
| 5- 1 |	| 5 | Tz	-151.6 |	0.2 |	0.0 |	151.6 |		
| 5- 1 |	| 9 | Ty	-121.6 |	0.0 |	-1.2 |	121.6 |		
| 11-16 |	| 5 | Si	-174.4 |	0.2 |	0.0 |	174.4 |		
-----						PROGR.	159.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	1306.5 |	0.0 |	0.0 |	-2002.8 |	0.0 |	0.0 |	
| 5- 1 |	1698.5 |	0.0 |	0.0 |	-1609.1 |	0.0 |	0.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-175.9 |	0.0 |	0.0 |	175.9 |		
| 5- 1 |	| 5 | Tz	-153.6 |	0.0 |	0.0 |	153.6 |		
| 5- 1 |	| 9 | Ty	-121.6 |	0.0 |	0.0 |	121.6 |		
-----						PROGR.	198.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	1224.9 |	0.0 |	0.0 |	-2002.8 |	0.0 |	-4.1 |	
| 8- 2 |	1592.3 |	0.0 |	0.0 |	-1006.2 |	0.0 |	-5.3 |	
| 7- 2 |	1592.3 |	0.0 |	0.0 |	-1388.2 |	0.0 |	-5.3 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-174.4 |	0.0 |	0.0 |	174.4 |		
| 8- 2 |	| 6 | Tz	-106.0 |	0.2 |	0.0 |	106.0 |		
| 7- 2 |	| 9 | Ty	-104.9 |	0.0 |	1.2 |	104.9 |		
| 11-16 |	| 5 | Si	-174.4 |	-0.2 |	0.0 |	174.4 |		
-----						PROGR.	238.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	979.9 |	0.0 |	0.0 |	-2002.8 |	0.0 |	-8.2 |	
| 7- 2 |	1273.9 |	0.0 |	0.0 |	-1388.2 |	0.0 |	-10.7 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-169.8 |	0.0 |	0.0 |	169.8 |		
| 7- 2 |	| 5 | Tz	-128.9 |	-0.4 |	0.0 |	128.9 |		
| 7- 2 |	| 9 | Ty	-104.9 |	0.0 |	2.3 |	105.0 |		
| 11-16 |	| 5 | Si	-169.8 |	-0.3 |	0.0 |	169.8 |		
-----						PROGR.	278.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	571.6 |	0.0 |	0.0 |	-2002.8 |	0.0 |	-12.3 |	
| 7- 2 |	743.1 |	0.0 |	0.0 |	-1388.2 |	0.0 |	-16.0 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-162.1 |	0.0 |	0.0 |	162.1 |		
| 7- 2 |	| 5 | Tz	-118.9 |	-0.7 |	0.0 |	118.9 |		
| 7- 2 |	| 9 | Ty	-104.9 |	0.0 |	3.5 |	105.1 |		
| 11-16 |	| 5 | Si	-162.1 |	-0.5 |	0.0 |	162.1 |		
-----						PROGR.	318.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16 |	0.0 |	0.0 |	0.0 |	-2002.8 |	0.0 |	-16.5 |	
| 7- 2 |	0.0 |	0.0 |	0.0 |	-1388.2 |	0.0 |	-21.4 |	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 11-16 |	| 1 | Sx	-151.3 |	0.0 |	0.0 |	151.3 |		
| 7- 2 |	| 5 | Tz	-104.9 |	-0.9 |	0.0 |	104.9 |		
| 7- 2 |	| 9 | Ty	-104.9 |	0.0 |	4.6 |	105.2 |		
| 11-16 |	| 9 | Si	-151.3 |	0.0 |	3.6 |	151.5 |		

Copertura area carburante - Relazione di calcolo

VERIFICA STABILITA' :

|L0 = 318. |
 Z |Lc = 318. |Ro = 4.90 |lm = 64.8 |Ncr= 65425.9 |alfa(a)=0.2100 |ki=0.8251 |
 Y |Lc = 318. |Ro = 1.45 |lm = 219.6 |Ncr= 5686.5 |alfa(b)=0.3400 |ki=0.1366 |
 Caso11-16 - Nodo 1 - Asse Y
 Ned = -2002.8 |Mzeq = 1132.3 |Myeq = 0.0 |Ss = -1129.4 (0.431)

P_IPE120_S009 (9) stato limite ultimo - ASTA (729- 731) 1924

 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	1599.5	0.0	16.5
7- 2	0.0	0.0	0.0	-561.6	0.0	21.4
3- 2	0.0	0.0	0.0	-241.5	0.0	21.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	|si	1	Sx	120.9	0.0	0.0	120.9
7- 2	|si	5	Tz	-42.4	0.9	0.0	42.5
3- 2	|si	9	Ty	-18.2	0.0	-4.6	19.9
11- 1	|si	9	Si	120.9	0.0	-3.6	121.0

PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	571.6	0.0	0.0	1599.5	0.0	12.3
7- 2	743.1	0.0	0.0	-561.6	0.0	16.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	|si	3	Sx	131.6	0.0	0.0	131.6
7- 2	|si	5	Tz	-56.4	0.7	0.0	56.4
7- 2	|si	9	Ty	-42.4	0.0	-3.5	42.9
11- 1	|si	7	Si	131.6	-0.5	0.0	131.6

PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	979.9	0.0	0.0	1599.5	0.0	8.2
7- 2	1273.9	0.0	0.0	-561.6	0.0	10.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	|si	3	Sx	139.3	0.0	0.0	139.3
7- 2	|si	5	Tz	-66.4	0.4	0.0	66.4
7- 2	|si	9	Ty	-42.4	0.0	-2.3	42.6
11- 1	|si	7	Si	139.3	-0.3	0.0	139.3

PROGR. 119.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	1224.9	0.0	0.0	1599.5	0.0	4.1
7- 2	1592.3	0.0	0.0	-561.6	0.0	5.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	|si	3	Sx	143.9	0.0	0.0	143.9
7- 2	|si	5	Tz	-72.4	0.2	0.0	72.4
7- 2	|si	9	Ty	-42.4	0.0	-1.2	42.5
11- 1	|si	7	Si	143.9	-0.2	0.0	143.9

PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	1306.5	0.0	0.0	1599.5	0.0	0.0
6- 1	1698.5	0.0	0.0	946.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	|si	3	Sx	145.5	0.0	0.0	145.5
6- 1	|si	5	Tz	39.5	0.0	0.0	39.5
6- 1	|si	9	Ty	71.5	0.0	0.0	71.5

PROGR. 199.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	1224.9	0.0	0.0	1599.5	0.0	-4.1
5- 1	1592.3	0.0	0.0	974.1	0.0	-5.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	|si	3	Sx	143.9	0.0	0.0	143.9
5- 1	|si	5	Tz	43.6	-0.2	0.0	43.6
5- 1	|si	9	Ty	73.6	0.0	1.2	73.6
11- 1	|si	7	Si	143.9	0.2	0.0	143.9

PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	979.9	0.0	0.0	1599.5	0.0	-8.2
5- 1	1273.9	0.0	0.0	974.1	0.0	-10.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	|si	3	Sx	139.3	0.0	0.0	139.3
5- 1	|si	5	Tz	49.6	-0.4	0.0	49.6
5- 1	|si	9	Ty	73.6	0.0	2.3	73.7
11- 1	|si	7	Si	139.3	0.3	0.0	139.3

PROGR. 278.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	571.6	0.0	0.0	1599.5	0.0	-12.3
5- 1	743.1	0.0	0.0	974.1	0.0	-16.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	|si	3	Sx	131.6	0.0	0.0	131.6
5- 1	|si	5	Tz	59.6	-0.7	0.0	59.6
5- 1	|si	9	Ty	73.6	0.0	3.5	73.8
11- 1	|si	7	Si	131.6	0.5	0.0	131.6

PROGR. 318.

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11- 1 |      0.0 |      0.0 |      0.0 | 1599.5 |      0.0 | -16.5 |
| 5- 1 |      0.0 |      0.0 |      0.0 | 974.1 |      0.0 | -21.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11- 1|si| 1|Sx |      120.9 |      0.0 |      0.0 | 120.9 |
| 5- 1|si| 5| Tz |      73.6 |     -0.9 |      0.0 | 73.6 |
| 5- 1|si| 9| Ty |      73.6 |      0.0 |      4.6 | 74.0 |
| 11- 1|si| 9| Si |      120.9 |      0.0 |      3.6 | 121.0 |

```

VERIFICA STABILITA' :

```

|L0 = 318. |
Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|
Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
Cas011-16 - Nodo 1 - Asse Y
Ned = -897.5|Mzeq = 1132.3|Myeq = 0.0|Ss = -517.9 ( 0.198)

```

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P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 731- 392) 1925
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      0.0 |      0.0 |      0.0 | -1386.7 |      0.0 | 21.4 |
| 5- 1 |      0.0 |      0.0 |      0.0 | -1279.7 |      0.0 | 21.4 |
| 1- 1 |      0.0 |      0.0 |      0.0 | -989.8 |      0.0 | 21.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -104.8 |      0.0 |      0.0 | 104.8 |
| 5- 1|si| 5| Tz |     -96.7 |      0.9 |      0.0 | 96.7 |
| 1- 1|si| 9| Ty |     -74.8 |      0.0 |     -4.6 | 75.2 |
| 6- 1|si| 9| Si |     -104.8 |      0.0 |     -4.6 | 105.1 |
----- PROGR. 40.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |      741.2 |      0.0 |      0.0 | -1386.7 |      0.0 | 16.0 |
| 5- 1 |      741.2 |      0.0 |      0.0 | -1279.7 |      0.0 | 16.0 |
| 1- 1 |      741.2 |      0.0 |      0.0 | -989.8 |      0.0 | 16.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -118.7 |      0.0 |      0.0 | 118.7 |
| 5- 1|si| 5| Tz |     -110.7 |      0.7 |      0.0 | 110.7 |
| 1- 1|si| 9| Ty |     -74.8 |      0.0 |     -3.5 | 75.0 |
| 6- 1|si| 5| Si |     -118.7 |      0.7 |      0.0 | 118.7 |
----- PROGR. 79.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     1270.6 |      0.0 |      0.0 | -1386.7 |      0.0 | 10.7 |
| 2- 1 |     1270.6 |      0.0 |      0.0 | -1295.2 |      0.0 | 10.7 |
| 1- 1 |     1270.6 |      0.0 |      0.0 | -989.8 |      0.0 | 10.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -128.7 |      0.0 |      0.0 | 128.7 |
| 2- 1|si| 5| Tz |     -121.8 |      0.4 |      0.0 | 121.8 |
| 1- 1|si| 9| Ty |     -74.8 |      0.0 |     -2.3 | 74.9 |
| 6- 1|si| 5| Si |     -128.7 |      0.4 |      0.0 | 128.7 |
----- PROGR. 119.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     1588.3 |      0.0 |      0.0 | -1386.7 |      0.0 | 5.3 |
| 1- 1 |     1588.3 |      0.0 |      0.0 | -989.8 |      0.0 | 5.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -134.7 |      0.0 |      0.0 | 134.7 |
| 6- 1|si| 5| Tz Si |     -134.7 |      0.2 |      0.0 | 134.7 |
| 1- 1|si| 9| Ty |     -74.8 |      0.0 |     -1.2 | 74.8 |
----- PROGR. 159.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     1694.2 |      0.0 |      0.0 | -1386.7 |      0.0 | 0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx Si |     -136.7 |      0.0 |      0.0 | 136.7 |
| 6- 1|si| 5| Tz |     -136.7 |      0.0 |      0.0 | 136.7 |
----- PROGR. 198.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     1588.3 |      0.0 |      0.0 | -1386.7 |      0.0 | -5.3 |
| 1- 1 |     1588.3 |      0.0 |      0.0 | -989.8 |      0.0 | -5.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -134.7 |      0.0 |      0.0 | 134.7 |
| 6- 1|si| 6| Tz |     -134.7 |      0.2 |      0.0 | 134.7 |
| 1- 1|si| 9| Ty |     -74.8 |      0.0 |      1.2 | 74.8 |
| 6- 1|si| 5| Si |     -134.7 |     -0.2 |      0.0 | 134.7 |
----- PROGR. 238.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |     1270.6 |      0.0 |      0.0 | -1386.7 |      0.0 | -10.7 |
| 2- 1 |     1270.6 |      0.0 |      0.0 | -1295.2 |      0.0 | -10.7 |
| 1- 1 |     1270.6 |      0.0 |      0.0 | -989.8 |      0.0 | -10.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |     -128.7 |      0.0 |      0.0 | 128.7 |
| 2- 1|si| 6| Tz |     -121.8 |      0.4 |      0.0 | 121.8 |
| 1- 1|si| 9| Ty |     -74.8 |      0.0 |      2.3 | 74.9 |
| 6- 1|si| 5| Si |     -128.7 |     -0.4 |      0.0 | 128.7 |
----- PROGR. 278.

```

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |    741.2 |    0.0 |    0.0 | -1386.7 |    0.0 | -16.0 |
| 5- 1 |    741.2 |    0.0 |    0.0 | -1279.7 |    0.0 | -16.0 |
| 1- 1 |    741.2 |    0.0 |    0.0 | -989.8 |    0.0 | -16.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1 |Sx |    -118.7 |    0.0 |    0.0 |   118.7 |
| 5- 1 |si| 6 |Tz |    -110.7 |    0.7 |    0.0 |   110.7 |
| 1- 1 |si| 9 |Ty |     -74.8 |    0.0 |    3.5 |    75.0 |
| 6- 1 |si| 5 |Si |    -118.7 |   -0.7 |    0.0 |   118.7 |
-----
PROGR.      317.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1 |    0.0 |    0.0 |    0.0 | -1386.7 |    0.0 | -21.4 |
| 5- 1 |    0.0 |    0.0 |    0.0 | -1279.7 |    0.0 | -21.4 |
| 1- 1 |    0.0 |    0.0 |    0.0 | -989.8 |    0.0 | -21.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1 |si| 1 |Sx |    -104.8 |    0.0 |    0.0 |   104.8 |
| 5- 1 |si| 6 |Tz |     -96.7 |    0.9 |    0.0 |    96.7 |
| 1- 1 |si| 9 |Ty |     -74.8 |    0.0 |    4.6 |    75.2 |
| 6- 1 |si| 9 |Si |    -104.8 |    0.0 |    4.6 |   105.1 |
-----
PROGR.      317.

VERIFICA STABILITA` :
|L0 = 317. |
Z |Lc = 317. |Ro = 4.90 |lm = 64.7 |Ncr= 65591.0 |alfa(a)=0.2100 |ki=0.8256 |
Y |Lc = 317. |Ro = 1.45 |lm = 219.4 |Ncr= 5700.9 |alfa(b)=0.3400 |ki=0.1370 |
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1386.7 |Mzeq = 1468.3 |Myeq = 0.0 |Ss = -793.2 ( 0.303)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 13- 561) 1926
-----
PROGR.      0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    0.0 |    0.0 |    0.0 | -2213.4 |    0.0 |  18.9 |
| 7- 2 |    0.0 |    0.0 |    0.0 | -277.3 |    0.0 |  18.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 1 |Sx |    -167.2 |    0.0 |    0.0 |   167.2 |
| 7- 2 |si| 5 |Tz |     -21.0 |    0.8 |    0.0 |    21.0 |
| 7- 2 |si| 9 |Ty |     -21.0 |    0.0 |   -4.1 |    22.1 |
| 5- 1 |si| 9 |Si |    -167.2 |    0.0 |   -4.1 |   167.4 |
-----
PROGR.      35.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   577.6 |    0.0 |    0.0 | -2213.4 |    0.0 |  14.1 |
| 7- 2 |   577.6 |    0.0 |    0.0 | -277.3 |    0.0 |  14.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 1 |Sx |    -178.1 |    0.0 |    0.0 |   178.1 |
| 7- 2 |si| 5 |Tz |     -31.8 |    0.6 |    0.0 |    31.9 |
| 7- 2 |si| 9 |Ty |     -21.0 |    0.0 |   -3.1 |    21.6 |
| 5- 1 |si| 5 |Si |    -178.1 |    0.6 |    0.0 |   178.1 |
-----
PROGR.      70.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   990.1 |    0.0 |    0.0 | -2213.4 |    0.0 |   9.4 |
| 7- 2 |   990.1 |    0.0 |    0.0 | -277.3 |    0.0 |   9.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 1 |Sx |    -185.9 |    0.0 |    0.0 |   185.9 |
| 7- 2 |si| 5 |Tz |     -39.6 |    0.4 |    0.0 |    39.6 |
| 7- 2 |si| 9 |Ty |     -21.0 |    0.0 |   -2.0 |    21.3 |
| 5- 1 |si| 5 |Si |    -185.9 |    0.4 |    0.0 |   185.9 |
-----
PROGR.     105.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |  1237.6 |    0.0 |    0.0 | -2213.4 |    0.0 |   4.7 |
| 7- 2 |  1237.6 |    0.0 |    0.0 | -277.3 |    0.0 |   4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 1 |Sx |    -190.6 |    0.0 |    0.0 |   190.6 |
| 7- 2 |si| 5 |Tz |     -44.3 |    0.2 |    0.0 |    44.3 |
| 7- 2 |si| 9 |Ty |     -21.0 |    0.0 |   -1.0 |    21.0 |
| 5- 1 |si| 5 |Si |    -190.6 |    0.2 |    0.0 |   190.6 |
-----
PROGR.     140.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |  1320.1 |    0.0 |    0.0 | -2213.4 |    0.0 |   0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 1 |Sx |    -192.1 |    0.0 |    0.0 |   192.1 |
| 5- 1 |si| 5 |Tz |    -192.1 |    0.0 |    0.0 |   192.1 |
| 5- 1 |si| 9 |Ty |    -167.2 |    0.0 |    0.0 |   167.2 |
-----
PROGR.     175.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |  1237.6 |    0.0 |    0.0 | -2213.4 |    0.0 |  -4.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1 |si| 1 |Sx |    -190.6 |    0.0 |    0.0 |   190.6 |
| 5- 1 |si| 5 |Tz |    -190.6 |   -0.2 |    0.0 |   190.6 |
| 5- 1 |si| 9 |Ty |    -167.2 |    0.0 |    1.0 |   167.2 |
-----
PROGR.     210.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |   990.1 |    0.0 |    0.0 | -2213.4 |    0.0 |  -9.4 |
TENSIONI (Sz= 0.00) :

```


Copertura area carburante - Relazione di calcolo

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -185.9| 0.0| 0.0| 185.9|
| 5- 1|si| 5| Tz Si| -185.9| -0.4| 0.0| 185.9|
| 5- 1|si| 9| Ty | -167.2| 0.0| 2.0| 167.3|
-----
PROGR. 245.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 577.6| 0.0| 0.0| -2213.4| 0.0| -14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -178.1| 0.0| 0.0| 178.1|
| 5- 1|si| 5| Tz Si| -178.1| -0.6| 0.0| 178.1|
| 5- 1|si| 9| Ty | -167.2| 0.0| 3.1| 167.3|
-----
PROGR. 280.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2213.4| 0.0| -18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | -167.2| 0.0| 0.0| 167.2|
| 5- 1|si| 5| Tz Si| -167.2| -0.8| 0.0| 167.2|
| 5- 1|si| 9| TySi| -167.2| 0.0| 4.1| 167.4|
-----
VERIFICA STABILITA` :
|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -2213.4|Mzeq = 1144.1|Myeq = 0.0|Ss = -993.6 ( 0.379)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 561- 562) 1927
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-11| 0.0| 0.0| 0.0| 953.4| 0.0| 14.5|
| 7- 2| 0.0| 0.0| 0.0| -45.2| 0.0| 18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-11|si| 1|Sx | 72.0| 0.0| 0.0| 72.0|
| 7- 2|si| 5| Tz | -3.4| 0.8| 0.0| 3.7|
| 7- 2|si| 9| Ty | -3.4| 0.0| -4.1| 7.9|
| 12-11|si| 9| Si | 72.0| 0.0| -3.2| 72.2|
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-11| 444.3| 0.0| 0.0| 953.4| 0.0| 10.9|
| 7- 2| 577.6| 0.0| 0.0| -45.2| 0.0| 14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-11|si| 3|Sx | 80.4| 0.0| 0.0| 80.4|
| 7- 2|si| 5| Tz | -14.3| 0.6| 0.0| 14.3|
| 7- 2|si| 9| Ty | -3.4| 0.0| -3.1| 6.3|
| 12-11|si| 7| Si | 80.4| -0.4| 0.0| 80.4|
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-11| 761.6| 0.0| 0.0| 953.4| 0.0| 7.3|
| 7- 2| 990.1| 0.0| 0.0| -45.2| 0.0| 9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-11|si| 3|Sx | 86.4| 0.0| 0.0| 86.4|
| 7- 2|si| 5| Tz | -22.1| 0.4| 0.0| 22.1|
| 7- 2|si| 9| Ty | -3.4| 0.0| -2.0| 4.9|
| 12-11|si| 7| Si | 86.4| -0.3| 0.0| 86.4|
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-11| 952.0| 0.0| 0.0| 953.4| 0.0| 3.6|
| 7- 2| 1237.6| 0.0| 0.0| -45.2| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-11|si| 3|Sx | 90.0| 0.0| 0.0| 90.0|
| 7- 2|si| 5| Tz | -26.7| 0.2| 0.0| 26.7|
| 7- 2|si| 9| Ty | -3.4| 0.0| -1.0| 3.9|
| 12-11|si| 7| Si | 90.0| -0.1| 0.0| 90.0|
-----
PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-11| 1015.5| 0.0| 0.0| 953.4| 0.0| 0.0|
| 5- 1| 1320.1| 0.0| 0.0| -272.5| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-11|si| 3|Sx Si| 91.2| 0.0| 0.0| 91.2|
| 5- 1|si| 5| Tz | -45.5| 0.0| 0.0| 45.5|
| 5- 1|si| 9| Ty | -20.6| 0.0| 0.0| 20.6|
-----
PROGR. 175.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12-11| 952.0| 0.0| 0.0| 953.4| 0.0| -3.6|
| 5- 1| 1237.6| 0.0| 0.0| -272.5| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 12-11|si| 3|Sx | 90.0| 0.0| 0.0| 90.0|
| 5- 1|si| 5| Tz | -43.9| -0.2| 0.0| 43.9|
| 5- 1|si| 9| Ty | -20.6| 0.0| 1.0| 20.7|
| 12-11|si| 7| Si | 90.0| 0.1| 0.0| 90.0|
-----
PROGR. 210.

SOLLECITAZIONI :

```

Copertura area carburante - Relazione di calcolo

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-11|      761.6|      0.0|      0.0|      953.4|      0.0|      -7.3|
| 5- 1 |      990.1|      0.0|      0.0|     -272.5|      0.0|      -9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-11|si| 3|Sx |      86.4|      0.0|      0.0|      86.4|
| 5- 1 |si| 5| Tz |     -39.2|     -0.4|      0.0|      39.2|
| 5- 1 |si| 9| Ty |     -20.6|      0.0|      2.0|      20.9|
| 12-11|si| 7| Si |      86.4|      0.3|      0.0|      86.4|
-----
PROGR.      245.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-11|      444.3|      0.0|      0.0|      953.4|      0.0|     -10.9|
| 5- 1 |      577.6|      0.0|      0.0|     -272.5|      0.0|     -14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-11|si| 3|Sx |      80.4|      0.0|      0.0|      80.4|
| 5- 1 |si| 5| Tz |     -31.5|     -0.6|      0.0|      31.5|
| 5- 1 |si| 9| Ty |     -20.6|      0.0|      3.1|      21.3|
| 12-11|si| 7| Si |      80.4|      0.4|      0.0|      80.4|
-----
PROGR.      280.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12-11|      0.0|      0.0|      0.0|      953.4|      0.0|     -14.5|
| 5- 1 |      0.0|      0.0|      0.0|     -272.5|      0.0|     -18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12-11|si| 1|Sx |      72.0|      0.0|      0.0|      72.0|
| 5- 1 |si| 5| Tz |     -20.6|     -0.8|      0.0|      20.6|
| 5- 1 |si| 9| Ty |     -20.6|      0.0|      4.1|      21.8|
| 12-11|si| 9| Si |      72.0|      0.0|      3.2|      72.2|
-----
PROGR.      280.

VERIFICA STABILITA` :
|L0 = 280.1
Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso12- 6 - Nodo 1 - Asse Y
Ned = -643.9|Mzeq = 880.1|Myeq = 0.0|Ss = -299.3 ( 0.114)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 562- 563) 1928
-----
PROGR.      0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |      0.0|      0.0|      0.0|     -2159.4|      0.0|      18.9|
| 5- 1 |      0.0|      0.0|      0.0|     -2085.8|      0.0|      18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1 |si| 1|Sx |     -163.2|      0.0|      0.0|     163.2|
| 5- 1 |si| 5| Tz |     -157.6|      0.8|      0.0|     157.6|
| 5- 1 |si| 9| Ty |     -157.6|      0.0|     -4.1|     157.8|
| 7- 1 |si| 9| Si |     -163.2|      0.0|     -4.1|     163.3|
-----
PROGR.      35.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |      577.6|      0.0|      0.0|     -2159.4|      0.0|     14.1|
| 5- 1 |      577.6|      0.0|      0.0|     -2085.8|      0.0|     14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1 |si| 1|Sx |     -174.0|      0.0|      0.0|     174.0|
| 5- 1 |si| 5| Tz |     -168.5|      0.6|      0.0|     168.5|
| 5- 1 |si| 9| Ty |     -157.6|      0.0|     -3.1|     157.7|
| 7- 1 |si| 5| Si |     -174.0|      0.6|      0.0|     174.0|
-----
PROGR.      70.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |      990.1|      0.0|      0.0|     -2159.4|      0.0|      9.4|
| 5- 1 |      990.1|      0.0|      0.0|     -2085.8|      0.0|      9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1 |si| 1|Sx |     -181.8|      0.0|      0.0|     181.8|
| 5- 1 |si| 5| Tz |     -176.3|      0.4|      0.0|     176.3|
| 5- 1 |si| 9| Ty |     -157.6|      0.0|     -2.0|     157.6|
| 7- 1 |si| 5| Si |     -181.8|      0.4|      0.0|     181.8|
-----
PROGR.      105.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |     1237.6|      0.0|      0.0|     -2159.4|      0.0|      4.7|
| 5- 1 |     1237.6|      0.0|      0.0|     -2085.8|      0.0|      4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1 |si| 1|Sx |     -186.5|      0.0|      0.0|     186.5|
| 5- 1 |si| 5| Tz |     -180.9|      0.2|      0.0|     180.9|
| 5- 1 |si| 9| Ty |     -157.6|      0.0|     -1.0|     157.6|
| 7- 1 |si| 5| Si |     -186.5|      0.2|      0.0|     186.5|
-----
PROGR.      140.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |     1320.1|      0.0|      0.0|     -2159.4|      0.0|      0.0|
| 5- 1 |     1320.1|      0.0|      0.0|     -2085.8|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1 |si| 1|Sx |     -188.0|      0.0|      0.0|     188.0|
| 5- 1 |si| 5| Tz |     -182.5|      0.0|      0.0|     182.5|
| 5- 1 |si| 9| Ty |     -157.6|      0.0|      0.0|     157.6|
-----
PROGR.      175.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1 |     1237.6|      0.0|      0.0|     -2159.4|      0.0|     -4.7|

```

Copertura area carburante - Relazione di calcolo

```

| 7- 2| 1237.6| 0.0| 0.0| -134.0| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -186.5| 0.0| 0.0| 186.5|
| 7- 2|si| 5| Tz | -33.4| -0.2| 0.0| 33.4|
| 7- 2|si| 9| Ty | -10.1| 0.0| 1.0| 10.3|
| 7- 1|si| 5| Si | -186.5| -0.2| 0.0| 186.5|
----- PROGR. 210.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 990.1| 0.0| 0.0| -2159.4| 0.0| -9.4|
| 7- 2| 990.1| 0.0| 0.0| -134.0| 0.0| -9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -181.8| 0.0| 0.0| 181.8|
| 7- 2|si| 5| Tz | -28.8| -0.4| 0.0| 28.8|
| 7- 2|si| 9| Ty | -10.1| 0.0| 2.0| 10.7|
| 7- 1|si| 5| Si | -181.8| -0.4| 0.0| 181.8|
----- PROGR. 245.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 577.6| 0.0| 0.0| -2159.4| 0.0| -14.1|
| 7- 2| 577.6| 0.0| 0.0| -134.0| 0.0| -14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -174.0| 0.0| 0.0| 174.0|
| 7- 2|si| 5| Tz | -21.0| -0.6| 0.0| 21.0|
| 7- 2|si| 9| Ty | -10.1| 0.0| 3.1| 11.4|
| 7- 1|si| 5| Si | -174.0| -0.6| 0.0| 174.0|
----- PROGR. 280.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -2159.4| 0.0| -18.9|
| 7- 2| 0.0| 0.0| 0.0| -134.0| 0.0| -18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -163.2| 0.0| 0.0| 163.2|
| 7- 2|si| 5| Tz | -10.1| -0.8| 0.0| 10.2|
| 7- 2|si| 9| Ty | -10.1| 0.0| 4.1| 12.4|
| 7- 1|si| 9| Si | -163.2| 0.0| 4.1| 163.3|
----- PROGR. 280.

```

VERIFICA STABILITA' :

```

|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 7- 1 - Nodo 1 - Asse Y
Ned = -2159.4|Mzeq = 1144.1|Myeq = 0.0|Ss = -969.9 ( 0.370)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 563- 324) 1929
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 2058.2| 0.0| 18.9|
| 5- 1| 0.0| 0.0| 0.0| 2034.5| 0.0| 18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | 155.5| 0.0| 0.0| 155.5|
| 5- 1|si| 5| Tz | 153.7| 0.8| 0.0| 153.7|
| 5- 1|si| 9| Ty | 153.7| 0.0| -4.1| 153.9|
| 7- 1|si| 9| Si | 155.5| 0.0| -4.1| 155.7|
----- PROGR. 35.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 577.6| 0.0| 0.0| 2058.2| 0.0| 14.1|
| 5- 1| 577.6| 0.0| 0.0| 2034.5| 0.0| 14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx | 166.4| 0.0| 0.0| 166.4|
| 5- 1|si| 5| Tz | 142.8| 0.6| 0.0| 142.8|
| 5- 1|si| 9| Ty | 153.7| 0.0| -3.1| 153.8|
| 7- 1|si| 7| Si | 166.4| -0.6| 0.0| 166.4|
----- PROGR. 70.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 990.1| 0.0| 0.0| 2058.2| 0.0| 9.4|
| 5- 1| 990.1| 0.0| 0.0| 2034.5| 0.0| 9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx | 174.2| 0.0| 0.0| 174.2|
| 5- 1|si| 5| Tz | 135.1| 0.4| 0.0| 135.1|
| 5- 1|si| 9| Ty | 153.7| 0.0| -2.0| 153.8|
| 7- 1|si| 7| Si | 174.2| -0.4| 0.0| 174.2|
----- PROGR. 105.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 1237.6| 0.0| 0.0| 2058.2| 0.0| 4.7|
| 5- 1| 1237.6| 0.0| 0.0| 2034.5| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx | 178.8| 0.0| 0.0| 178.8|
| 5- 1|si| 5| Tz | 130.4| 0.2| 0.0| 130.4|
| 5- 1|si| 9| Ty | 153.7| 0.0| -1.0| 153.7|
| 7- 1|si| 7| Si | 178.8| -0.2| 0.0| 178.8|
----- PROGR. 140.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 1320.1| 0.0| 0.0| 2058.2| 0.0| 0.0|
| 5- 1| 1320.1| 0.0| 0.0| 2034.5| 0.0| 0.0|

```

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 3|Sx | Si | 180.4| 0.0| 0.0| 180.4|
| 5- 1|si| 5| Tz | 128.8| 0.0| 0.0| 128.8|
| 5- 1|si| 9| Ty | 153.7| 0.0| 0.0| 153.7|
-----
PROGR. 175.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 1237.6| 0.0| 0.0| 2058.2| 0.0| -4.7|
| 7- 2| 1237.6| 0.0| 0.0| -135.2| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx | 178.8| 0.0| 0.0| 178.8|
| 7- 2|si| 5| Tz | -33.5| -0.2| 0.0| 33.5|
| 7- 2|si| 9| Ty | -10.2| 0.0| 1.0| 10.4|
| 7- 1|si| 7| Si | 178.8| 0.2| 0.0| 178.8|
-----
PROGR. 210.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 990.1| 0.0| 0.0| 2058.2| 0.0| -9.4|
| 7- 2| 990.1| 0.0| 0.0| -135.2| 0.0| -9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx | 174.2| 0.0| 0.0| 174.2|
| 7- 2|si| 5| Tz | -28.9| -0.4| 0.0| 28.9|
| 7- 2|si| 9| Ty | -10.2| 0.0| 2.0| 10.8|
| 7- 1|si| 7| Si | 174.2| 0.4| 0.0| 174.2|
-----
PROGR. 245.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 577.6| 0.0| 0.0| 2058.2| 0.0| -14.1|
| 7- 2| 577.6| 0.0| 0.0| -135.2| 0.0| -14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx | 166.4| 0.0| 0.0| 166.4|
| 7- 2|si| 5| Tz | -21.1| -0.6| 0.0| 21.1|
| 7- 2|si| 9| Ty | -10.2| 0.0| 3.1| 11.5|
| 7- 1|si| 7| Si | 166.4| 0.6| 0.0| 166.4|
-----
PROGR. 280.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| 2058.2| 0.0| -18.9|
| 7- 2| 0.0| 0.0| 0.0| -135.2| 0.0| -18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 3|Sx | 155.5| 0.0| 0.0| 155.5|
| 7- 2|si| 5| Tz | -10.2| -0.8| 0.0| 10.3|
| 7- 2|si| 9| Ty | -10.2| 0.0| 4.1| 12.4|
| 7- 1|si| 9| Si | 155.5| 0.0| 4.1| 155.7|
-----
PROGR. 280.

VERIFICA STABILITA` :
|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Casol1-16 - Nodo 1 - Asse Y
Ned = -643.4|Mzeq = 880.1|Myeq = 0.0|Ss = -299.1 ( 0.114)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 324- 615) 1930
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 0.0| 0.0| 0.0| -799.9| 0.0| 18.9|
| 7- 2| 0.0| 0.0| 0.0| -59.5| 0.0| 18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -60.4| 0.0| 0.0| 60.4|
| 7- 2|si| 5| Tz | -4.5| 0.8| 0.0| 4.7|
| 7- 2|si| 9| Ty | -4.5| 0.0| -4.1| 8.4|
| 7- 1|si| 9| Si | -60.4| 0.0| -4.1| 60.9|
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 577.6| 0.0| 0.0| -799.9| 0.0| 14.1|
| 7- 2| 577.6| 0.0| 0.0| -59.5| 0.0| 14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -71.3| 0.0| 0.0| 71.3|
| 7- 2|si| 5| Tz | -15.4| 0.6| 0.0| 15.4|
| 7- 2|si| 9| Ty | -4.5| 0.0| -3.1| 7.0|
| 7- 1|si| 5| Si | -71.3| 0.6| 0.0| 71.3|
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 990.1| 0.0| 0.0| -799.9| 0.0| 9.4|
| 7- 2| 990.1| 0.0| 0.0| -59.5| 0.0| 9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -79.1| 0.0| 0.0| 79.1|
| 7- 2|si| 5| Tz | -23.2| 0.4| 0.0| 23.2|
| 7- 2|si| 9| Ty | -4.5| 0.0| -2.0| 5.7|
| 7- 1|si| 5| Si | -79.1| 0.4| 0.0| 79.1|
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| 1237.6| 0.0| 0.0| -799.9| 0.0| 4.7|
| 7- 2| 1237.6| 0.0| 0.0| -59.5| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

```

Copertura area carburante - Relazione di calcolo

| 7- 1|si| 1|Sx	|	-83.8|	0.0|	0.0|	83.8|	
| 7- 2|si| 5| Tz	|	-27.8|	0.2|	0.0|	27.8|	
| 7- 2|si| 9| Ty	|	-4.5|	0.0|	-1.0|	4.8|	
| 7- 1|si| 5| Si	|	-83.8|	0.2|	0.0|	83.8|	
-----						PROGR. 140.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	1320.1|	0.0|	0.0|	-799.9|	0.0|	0.0|
| 5- 1|	1320.1|	0.0|	0.0|	-709.8|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	|	-85.3|	0.0|	0.0|	85.3|	
| 5- 1|si| 5| Tz	|	-78.5|	0.0|	0.0|	78.5|	
| 5- 1|si| 9| Ty	|	-53.6|	0.0|	0.0|	53.6|	
-----						PROGR. 175.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	1237.6|	0.0|	0.0|	-799.9|	0.0|	-4.7|
| 5- 1|	1237.6|	0.0|	0.0|	-709.8|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	|	-83.8|	0.0|	0.0|	83.8|	
| 5- 1|si| 5| Tz	|	-76.9|	-0.2|	0.0|	76.9|	
| 5- 1|si| 9| Ty	|	-53.6|	0.0|	1.0|	53.7|	
| 7- 1|si| 5| Si	|	-83.8|	-0.2|	0.0|	83.8|	
-----						PROGR. 210.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	990.1|	0.0|	0.0|	-799.9|	0.0|	-9.4|
| 5- 1|	990.1|	0.0|	0.0|	-709.8|	0.0|	-9.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	|	-79.1|	0.0|	0.0|	79.1|	
| 5- 1|si| 5| Tz	|	-72.3|	-0.4|	0.0|	72.3|	
| 5- 1|si| 9| Ty	|	-53.6|	0.0|	2.0|	53.7|	
| 7- 1|si| 5| Si	|	-79.1|	-0.4|	0.0|	79.1|	
-----						PROGR. 245.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	577.6|	0.0|	0.0|	-799.9|	0.0|	-14.1|
| 5- 1|	577.6|	0.0|	0.0|	-709.8|	0.0|	-14.1|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	|	-71.3|	0.0|	0.0|	71.3|	
| 5- 1|si| 5| Tz	|	-64.5|	-0.6|	0.0|	64.5|	
| 5- 1|si| 9| Ty	|	-53.6|	0.0|	3.1|	53.9|	
| 7- 1|si| 5| Si	|	-71.3|	-0.6|	0.0|	71.3|	
-----						PROGR. 280.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	0.0|	0.0|	0.0|	-799.9|	0.0|	-18.9|
| 5- 1|	0.0|	0.0|	0.0|	-709.8|	0.0|	-18.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 3|Sx	|	-60.4|	0.0|	0.0|	60.4|	
| 5- 1|si| 5| Tz	|	-53.6|	-0.8|	0.0|	53.6|	
| 5- 1|si| 9| Ty	|	-53.6|	0.0|	4.1|	54.1|	
| 7- 1|si| 9| Si	|	-60.4|	0.0|	4.1|	60.9|	

VERIFICA STABILITA` :

|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 7- 1 - Nodo 1 - Asse Y
Ned = -799.9|Mzeq = 1144.1|Myeq = 0.0|Ss = -372.8 (0.142)

P_IPE120_S009 (9) stato limite ultimo - ASTA (615- 616) 1931

PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	0.0|	0.0|	0.0|	-1781.3|	0.0|	18.9|
| 7- 2|	0.0|	0.0|	0.0|	45.8|	0.0|	18.9|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	|	-134.6|	0.0|	0.0|	134.6|	
| 7- 2|si| 5| Tz	|	3.5|	0.8|	0.0|	3.7|	
| 7- 2|si| 9| Ty	|	3.5|	0.0|	-4.1|	7.9|	
| 7- 1|si| 9| Si	|	-134.6|	0.0|	-4.1|	134.8|	
-----						PROGR. 35.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	577.6|	0.0|	0.0|	-1781.3|	0.0|	14.1|
| 7- 2|	577.6|	0.0|	0.0|	45.8|	0.0|	14.1|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	|	-145.5|	0.0|	0.0|	145.5|	
| 7- 2|si| 5| Tz	|	-7.4|	0.6|	0.0|	7.5|	
| 7- 2|si| 9| Ty	|	3.5|	0.0|	-3.1|	6.3|	
| 7- 1|si| 5| Si	|	-145.5|	0.6|	0.0|	145.5|	
-----						PROGR. 70.

SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	990.1|	0.0|	0.0|	-1781.3|	0.0|	9.4|
| 7- 2|	990.1|	0.0|	0.0|	45.8|	0.0|	9.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx	|	-153.2|	0.0|	0.0|	153.2|	
| 7- 2|si| 5| Tz	|	-15.2|	0.4|	0.0|	15.2|	

Copertura area carburante - Relazione di calcolo

| 7- 2|si| 9|	Ty	3.5|	0.0|	-2.0|	5.0|		
| 7- 1|si| 5|	Si	-153.2|	0.4|	0.0|	153.2|		
-----							105.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	1237.6|	0.0|	0.0|	-1781.3|	0.0|	4.7|	
| 7- 2|	1237.6|	0.0|	0.0|	45.8|	0.0|	4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx		-157.9|	0.0|	0.0|	157.9|		
| 7- 2|si| 5|	Tz	-19.9|	0.2|	0.0|	19.9|		
| 7- 2|si| 9|	Ty	3.5|	0.0|	-1.0|	3.9|		
| 7- 1|si| 5|	Si	-157.9|	0.2|	0.0|	157.9|		
-----							140.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	1320.1|	0.0|	0.0|	-1781.3|	0.0|	0.0|	
| 5- 1|	1320.1|	0.0|	0.0|	-1598.4|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx		-159.5|	0.0|	0.0|	159.5|		
| 5- 1|si| 5|	Tz	-145.6|	0.0|	0.0|	145.6|		
| 5- 1|si| 9|	Ty	-120.8|	0.0|	0.0|	120.8|		
-----							175.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	1237.6|	0.0|	0.0|	-1781.3|	0.0|	-4.7|	
| 5- 1|	1237.6|	0.0|	0.0|	-1598.4|	0.0|	-4.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx		-157.9|	0.0|	0.0|	157.9|		
| 5- 1|si| 5|	Tz	-144.1|	-0.2|	0.0|	144.1|		
| 5- 1|si| 9|	Ty	-120.8|	0.0|	1.0|	120.8|		
| 7- 1|si| 5|	Si	-157.9|	-0.2|	0.0|	157.9|		
-----							210.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	990.1|	0.0|	0.0|	-1781.3|	0.0|	-9.4|	
| 5- 1|	990.1|	0.0|	0.0|	-1598.4|	0.0|	-9.4|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx		-153.2|	0.0|	0.0|	153.2|		
| 5- 1|si| 5|	Tz	-139.4|	-0.4|	0.0|	139.4|		
| 5- 1|si| 9|	Ty	-120.8|	0.0|	2.0|	120.8|		
| 7- 1|si| 5|	Si	-153.2|	-0.4|	0.0|	153.2|		
-----							245.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	577.6|	0.0|	0.0|	-1781.3|	0.0|	-14.1|	
| 5- 1|	577.6|	0.0|	0.0|	-1598.4|	0.0|	-14.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx		-145.5|	0.0|	0.0|	145.5|		
| 5- 1|si| 5|	Tz	-131.6|	-0.6|	0.0|	131.7|		
| 5- 1|si| 9|	Ty	-120.8|	0.0|	3.1|	120.9|		
| 7- 1|si| 5|	Si	-145.5|	-0.6|	0.0|	145.5|		
-----							280.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	0.0|	0.0|	0.0|	-1781.3|	0.0|	-18.9|	
| 5- 1|	0.0|	0.0|	0.0|	-1598.4|	0.0|	-18.9|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 7- 1|si| 3|Sx		-134.6|	0.0|	0.0|	134.6|		
| 5- 1|si| 5|	Tz	-120.8|	-0.8|	0.0|	120.8|		
| 5- 1|si| 9|	Ty	-120.8|	0.0|	4.1|	121.0|		
| 7- 1|si| 9|	Si	-134.6|	0.0|	4.1|	134.8|		

VERIFICA STABILITA` :							
|L0 = 280. |							
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|							
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|							
Caso 7- 1 - Nodo 1 - Asse Y							
Ned = -1781.3|Mzeq = 1144.1|Myeq = 0.0|Ss = -803.8 (0.307)							
P_IPE120_S009 (9) stato limite ultimo - ASTA (616- 617)							1932
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	0.0|	0.0|	0.0|	-2852.4|	0.0|	18.9|	
| 5- 1|	0.0|	0.0|	0.0|	-2734.7|	0.0|	18.9|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx		-215.5|	0.0|	0.0|	215.5|		
| 5- 1|si| 5|	Tz	-206.6|	0.8|	0.0|	206.6|		
| 5- 1|si| 9|	Ty	-206.6|	0.0|	-4.1|	206.7|		
| 7- 1|si| 9|	Si	-215.5|	0.0|	-4.1|	215.6|		
-----							35.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	577.6|	0.0|	0.0|	-2852.4|	0.0|	14.1|	
| 5- 1|	577.6|	0.0|	0.0|	-2734.7|	0.0|	14.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si		
| 7- 1|si| 1|Sx		-226.4|	0.0|	0.0|	226.4|		
| 5- 1|si| 5|	Tz	-217.5|	0.6|	0.0|	217.5|		
| 5- 1|si| 9|	Ty	-206.6|	0.0|	-3.1|	206.7|		
7- 1 si 5	Si	-226.4	0.6	0.0	226.4		

Copertura area carburante - Relazione di calcolo

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----- PROGR. 70.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 990.1 | 0.0 | 0.0 | -2852.4 | 0.0 | 9.4 |
| 5- 1 | 990.1 | 0.0 | 0.0 | -2734.7 | 0.0 | 9.4 |

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -234.2 | 0.0 | 0.0 | 234.2 |
| 5- 1|si| 5| Tz | -225.3 | 0.4 | 0.0 | 225.3 |
| 5- 1|si| 9| Ty | -206.6 | 0.0 | -2.0 | 206.6 |
| 7- 1|si| 5| Si | -234.2 | 0.4 | 0.0 | 234.2 |
----- PROGR. 105.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 1237.6 | 0.0 | 0.0 | -2852.4 | 0.0 | 4.7 |
| 5- 1 | 1237.6 | 0.0 | 0.0 | -2734.7 | 0.0 | 4.7 |

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -238.8 | 0.0 | 0.0 | 238.8 |
| 5- 1|si| 5| Tz | -229.9 | 0.2 | 0.0 | 229.9 |
| 5- 1|si| 9| Ty | -206.6 | 0.0 | -1.0 | 206.6 |
| 7- 1|si| 5| Si | -238.8 | 0.2 | 0.0 | 238.8 |
----- PROGR. 140.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 1320.1 | 0.0 | 0.0 | -2852.4 | 0.0 | 0.0 |
| 5- 1 | 1320.1 | 0.0 | 0.0 | -2734.7 | 0.0 | 0.0 |

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -240.4 | 0.0 | 0.0 | 240.4 |
| 5- 1|si| 5| Tz | -231.5 | 0.0 | 0.0 | 231.5 |
| 5- 1|si| 9| Ty | -206.6 | 0.0 | 0.0 | 206.6 |
----- PROGR. 175.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 1237.6 | 0.0 | 0.0 | -2852.4 | 0.0 | -4.7 |
| 7- 2 | 1237.6 | 0.0 | 0.0 | -105.3 | 0.0 | -4.7 |

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -238.8 | 0.0 | 0.0 | 238.8 |
| 7- 2|si| 5| Tz | -31.3 | -0.2 | 0.0 | 31.3 |
| 7- 2|si| 9| Ty | -8.0 | 0.0 | 1.0 | 8.2 |
| 7- 1|si| 5| Si | -238.8 | -0.2 | 0.0 | 238.8 |
----- PROGR. 210.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 990.1 | 0.0 | 0.0 | -2852.4 | 0.0 | -9.4 |
| 7- 2 | 990.1 | 0.0 | 0.0 | -105.3 | 0.0 | -9.4 |

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -234.2 | 0.0 | 0.0 | 234.2 |
| 7- 2|si| 5| Tz | -26.6 | -0.4 | 0.0 | 26.6 |
| 7- 2|si| 9| Ty | -8.0 | 0.0 | 2.0 | 8.7 |
| 7- 1|si| 5| Si | -234.2 | -0.4 | 0.0 | 234.2 |
----- PROGR. 245.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 577.6 | 0.0 | 0.0 | -2852.4 | 0.0 | -14.1 |
| 7- 2 | 577.6 | 0.0 | 0.0 | -105.3 | 0.0 | -14.1 |

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -226.4 | 0.0 | 0.0 | 226.4 |
| 7- 2|si| 5| Tz | -18.8 | -0.6 | 0.0 | 18.9 |
| 7- 2|si| 9| Ty | -8.0 | 0.0 | 3.1 | 9.6 |
| 7- 1|si| 5| Si | -226.4 | -0.6 | 0.0 | 226.4 |
----- PROGR. 280.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | -2852.4 | 0.0 | -18.9 |
| 7- 2 | 0.0 | 0.0 | 0.0 | -105.3 | 0.0 | -18.9 |

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | -215.5 | 0.0 | 0.0 | 215.5 |
| 7- 2|si| 5| Tz | -8.0 | -0.8 | 0.0 | 8.1 |
| 7- 2|si| 9| Ty | -8.0 | 0.0 | 4.1 | 10.7 |
| 7- 1|si| 9| Si | -215.5 | 0.0 | 4.1 | 215.6 |
----- PROGR. 35.

```

VERIFICA STABILITA` :

```

|L0 = 280. |
Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a )=0.2100 |ki=0.8668 |
Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b )=0.3400 |ki=0.1722 |
Caso 7- 1 - Nodo 1 - Asse Y
Ned = -2852.4 |Mzeq = 1144.1 |Myeq = 0.0 |Ss = -1274.2 ( 0.486)

```

```

P_IPE120_S009 ( 9) ----- stato limite ultimo - ASTA ( 617- 342) 1933
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1 | 0.0 | 0.0 | 0.0 | 1600.4 | 0.0 | 18.9 |
| 5- 1 | 0.0 | 0.0 | 0.0 | 1537.2 | 0.0 | 18.9 |

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 1|Sx | 120.9 | 0.0 | 0.0 | 120.9 |
| 5- 1|si| 5| Tz | 116.1 | 0.8 | 0.0 | 116.2 |
| 5- 1|si| 9| Ty | 116.1 | 0.0 | -4.1 | 116.4 |
| 7- 1|si| 9| Si | 120.9 | 0.0 | -4.1 | 121.1 |
----- PROGR. 35.

```

```

SOLLECITAZIONI :

```

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	577.6|	0.0|	0.0|	1600.4|	0.0|	14.1|
5- 1|	577.6|	0.0|	0.0|	1537.2|	0.0|	14.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx			131.8|	0.0|	0.0|	131.8|
5- 1|si| 5|	Tz			105.3|	0.6|	0.0|	105.3|
5- 1|si| 9|	Ty			116.1|	0.0|	-3.1|	116.3|
7- 1|si| 7|	Si			131.8|	-0.6|	0.0|	131.8|

PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	990.1|	0.0|	0.0|	1600.4|	0.0|	9.4|
5- 1|	990.1|	0.0|	0.0|	1537.2|	0.0|	9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx			139.6|	0.0|	0.0|	139.6|
5- 1|si| 5|	Tz			97.5|	0.4|	0.0|	97.5|
5- 1|si| 9|	Ty			116.1|	0.0|	-2.0|	116.2|
7- 1|si| 7|	Si			139.6|	-0.4|	0.0|	139.6|

PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	1237.6|	0.0|	0.0|	1600.4|	0.0|	4.7|
5- 1|	1237.6|	0.0|	0.0|	1537.2|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx			144.2|	0.0|	0.0|	144.2|
5- 1|si| 5|	Tz			92.8|	0.2|	0.0|	92.8|
5- 1|si| 9|	Ty			116.1|	0.0|	-1.0|	116.2|
7- 1|si| 7|	Si			144.2|	-0.2|	0.0|	144.2|

PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	1320.1|	0.0|	0.0|	1600.4|	0.0|	0.0|
5- 1|	1320.1|	0.0|	0.0|	1537.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx			145.8|	0.0|	0.0|	145.8|
5- 1|si| 5|	Tz			91.3|	0.0|	0.0|	91.3|
5- 1|si| 9|	Ty			116.1|	0.0|	0.0|	116.1|

PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	1237.6|	0.0|	0.0|	1600.4|	0.0|	-4.7|
7- 2|	1237.6|	0.0|	0.0|	-306.7|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx			144.2|	0.0|	0.0|	144.2|
7- 2|si| 5|	Tz			-46.5|	-0.2|	0.0|	46.5|
7- 2|si| 9|	Ty			-23.2|	0.0|	1.0|	23.2|
7- 1|si| 7|	Si			144.2|	0.2|	0.0|	144.2|

PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	990.1|	0.0|	0.0|	1600.4|	0.0|	-9.4|
7- 2|	990.1|	0.0|	0.0|	-306.7|	0.0|	-9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx			139.6|	0.0|	0.0|	139.6|
7- 2|si| 5|	Tz			-41.8|	-0.4|	0.0|	41.8|
7- 2|si| 9|	Ty			-23.2|	0.0|	2.0|	23.4|
7- 1|si| 7|	Si			139.6|	0.4|	0.0|	139.6|

PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	577.6|	0.0|	0.0|	1600.4|	0.0|	-14.1|
7- 2|	577.6|	0.0|	0.0|	-306.7|	0.0|	-14.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx			131.8|	0.0|	0.0|	131.8|
7- 2|si| 5|	Tz			-34.1|	-0.6|	0.0|	34.1|
7- 2|si| 9|	Ty			-23.2|	0.0|	3.1|	23.8|
7- 1|si| 7|	Si			131.8|	0.6|	0.0|	131.8|

PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1|	0.0|	0.0|	0.0|	1600.4|	0.0|	-18.9|
7- 2|	0.0|	0.0|	0.0|	-306.7|	0.0|	-18.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1|si| 3|	Sx			120.9|	0.0|	0.0|	120.9|
7- 2|si| 5|	Tz			-23.2|	-0.8|	0.0|	23.2|
7- 2|si| 9|	Ty			-23.2|	0.0|	4.1|	24.2|
7- 1|si| 9|	Si			120.9|	0.0|	4.1|	121.1|

VERIFICA STABILITA` :

|L0 = 280.1
 Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr = 84177.2|alfa(a) = 0.2100|ki = 0.8668|
 Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr = 7316.3|alfa(b) = 0.3400|ki = 0.1722|
 Caso11-16 - Nodo 1 - Asse Y
 Ned = -491.4|Mzeq = 880.1|Myeq = 0.0|Ss = -232.3 (0.089)

P_IPE120_S009 (9) stato limite ultimo - ASTA (342- 654) 1934
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	0.0|	0.0|	0.0|	-1841.9|	0.0|	19.5|

Copertura area carburante - Relazione di calcolo

```

| 7- 2|           0.0|           0.0|           0.0|          -445.3|           0.0|          19.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -139.2| 0.0| 0.0| 139.2|
| 7- 2|si| 5| Tz | -33.6| 0.8| 0.0| 33.7|
| 7- 2|si| 9| Ty | -33.6| 0.0| -4.2| 34.4|
| 5- 1|si| 9| Si | -139.2| 0.0| -4.2| 139.4|
-----
PROGR. 36.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 619.5| 0.0| 0.0| -1841.9| 0.0| 14.6|
| 7- 2| 619.5| 0.0| 0.0| -445.3| 0.0| 14.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -150.8| 0.0| 0.0| 150.8|
| 7- 2|si| 5| Tz | -45.3| 0.6| 0.0| 45.3|
| 7- 2|si| 9| Ty | -33.6| 0.0| -3.2| 34.1|
| 5- 1|si| 5| Si | -150.8| 0.6| 0.0| 150.8|
-----
PROGR. 72.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1062.1| 0.0| 0.0| -1841.9| 0.0| 9.8|
| 7- 2| 1062.1| 0.0| 0.0| -445.3| 0.0| 9.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -159.2| 0.0| 0.0| 159.2|
| 7- 2|si| 5| Tz | -53.7| 0.4| 0.0| 53.7|
| 7- 2|si| 9| Ty | -33.6| 0.0| -2.1| 33.8|
| 5- 1|si| 5| Si | -159.2| 0.4| 0.0| 159.2|
-----
PROGR. 109.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1327.6| 0.0| 0.0| -1841.9| 0.0| 4.9|
| 7- 2| 1327.6| 0.0| 0.0| -445.3| 0.0| 4.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -164.2| 0.0| 0.0| 164.2|
| 7- 2|si| 5| Tz | -58.7| 0.2| 0.0| 58.7|
| 7- 2|si| 9| Ty | -33.6| 0.0| -1.1| 33.7|
| 5- 1|si| 5| Si | -164.2| 0.2| 0.0| 164.2|
-----
PROGR. 145.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1416.1| 0.0| 0.0| -1841.9| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -165.8| 0.0| 0.0| 165.8|
| 5- 1|si| 6| Tz | -165.8| 0.0| 0.0| 165.8|
| 5- 1|si| 9| Ty | -139.2| 0.0| 0.0| 139.2|
-----
PROGR. 181.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1327.6| 0.0| 0.0| -1841.9| 0.0| -4.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -164.2| 0.0| 0.0| 164.2|
| 5- 1|si| 6| Tz | -164.2| 0.2| 0.0| 164.2|
| 5- 1|si| 9| Ty | -139.2| 0.0| 1.1| 139.2|
| 5- 1|si| 5| Si | -164.2| -0.2| 0.0| 164.2|
-----
PROGR. 218.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1062.1| 0.0| 0.0| -1841.9| 0.0| -9.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -159.2| 0.0| 0.0| 159.2|
| 5- 1|si| 6| Tz | -159.2| 0.4| 0.0| 159.2|
| 5- 1|si| 9| Ty | -139.2| 0.0| 2.1| 139.2|
| 5- 1|si| 5| Si | -159.2| -0.4| 0.0| 159.2|
-----
PROGR. 254.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 619.5| 0.0| 0.0| -1841.9| 0.0| -14.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -150.8| 0.0| 0.0| 150.8|
| 5- 1|si| 6| Tz | -150.8| 0.6| 0.0| 150.8|
| 5- 1|si| 9| Ty | -139.2| 0.0| 3.2| 139.3|
| 5- 1|si| 5| Si | -150.8| -0.6| 0.0| 150.8|
-----
PROGR. 290.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1841.9| 0.0| -19.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 3|Sx | -139.2| 0.0| 0.0| 139.2|
| 5- 1|si| 6| Tz | -139.2| 0.8| 0.0| 139.2|
| 5- 1|si| 9| TySi| -139.2| 0.0| 4.2| 139.4|
-----
PROGR. 0.
VERIFICA STABILITA` :
|L0 = 290. |
Z |Lc = 290. |Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
Y |Lc = 290. |Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1841.9|Mzeq = 1227.3|Myeq = 0.0|Ss = -885.4 ( 0.338)
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 654- 655) 1935
-----
PROGR. 0.

```

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	0.0	0.0	0.0	-2840.1	0.0	19.5	
1- 1	0.0	0.0	0.0	-1635.0	0.0	19.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-214.6	0.0	0.0	214.6
1- 1	si	5	Tz	-123.5	0.8	0.0	123.5
1- 1	si	9	Ty	-123.5	0.0	-4.2	123.8
5- 1	si	9	Si	-214.6	0.0	-4.2	214.7
							36.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	619.5	0.0	0.0	-2840.1	0.0	14.6	
1- 1	619.5	0.0	0.0	-1635.0	0.0	14.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-226.3	0.0	0.0	226.3
1- 1	si	5	Tz	-135.2	0.6	0.0	135.2
1- 1	si	9	Ty	-123.5	0.0	-3.2	123.7
5- 1	si	5	Si	-226.3	0.6	0.0	226.3
							72.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	1062.1	0.0	0.0	-2840.1	0.0	9.8	
1- 1	1062.1	0.0	0.0	-1635.0	0.0	9.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-234.6	0.0	0.0	234.6
1- 1	si	5	Tz	-143.5	0.4	0.0	143.5
1- 1	si	9	Ty	-123.5	0.0	-2.1	123.6
5- 1	si	5	Si	-234.6	0.4	0.0	234.6
							109.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	1327.6	0.0	0.0	-2840.1	0.0	4.9	
8- 2	1327.6	0.0	0.0	-874.0	0.0	4.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-239.6	0.0	0.0	239.6
8- 2	si	5	Tz	-91.1	0.2	0.0	91.1
8- 2	si	9	Ty	-66.0	0.0	-1.1	66.1
5- 1	si	5	Si	-239.6	0.2	0.0	239.6
							145.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	1416.1	0.0	0.0	-2840.1	0.0	0.0	
11-16	1089.3	0.0	0.0	587.1	0.0	0.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-241.3	0.0	0.0	241.3
11-16	si	5	Tz	23.8	0.0	0.0	23.8
11-16	si	9	Ty	44.4	0.0	0.0	44.4
							181.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	1327.6	0.0	0.0	-2840.1	0.0	-4.9	
1- 1	1327.6	0.0	0.0	-1635.0	0.0	-4.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-239.6	0.0	0.0	239.6
5- 1	si	5	Tz	-239.6	-0.2	0.0	239.6
1- 1	si	9	Ty	-123.5	0.0	1.1	123.5
							218.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	1062.1	0.0	0.0	-2840.1	0.0	-9.8	
2- 1	1062.1	0.0	0.0	-2131.2	0.0	-9.8	
1- 1	1062.1	0.0	0.0	-1635.0	0.0	-9.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-234.6	0.0	0.0	234.6
2- 1	si	5	Tz	-181.0	-0.4	0.0	181.0
1- 1	si	9	Ty	-123.5	0.0	2.1	123.6
5- 1	si	5	Si	-234.6	-0.4	0.0	234.6
							254.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	619.5	0.0	0.0	-2840.1	0.0	-14.6	
1- 1	619.5	0.0	0.0	-1635.0	0.0	-14.6	
2- 1	619.5	0.0	0.0	-2131.2	0.0	-14.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-226.3	0.0	0.0	226.3
1- 1	si	5	Tz	-135.2	-0.6	0.0	135.2
2- 1	si	9	Ty	-161.0	0.0	3.2	161.1
5- 1	si	5	Si	-226.3	-0.6	0.0	226.3
							290.
----- PROGR.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5- 1	0.0	0.0	0.0	-2840.1	0.0	-19.5	
1- 1	0.0	0.0	0.0	-1635.0	0.0	-19.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-214.6	0.0	0.0	214.6
1- 1	si	5	Tz	-123.5	-0.8	0.0	123.5
1- 1	si	9	Ty	-123.5	0.0	4.2	123.8
5- 1	si	9	Si	-214.6	0.0	4.2	214.7

Copertura area carburante - Relazione di calcolo

```

| 7- 2|          0.0|      0.0|      0.0|    -404.7|      0.0|    -19.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 7- 1|si| 3|Sx |     151.7|      0.0|      0.0|    151.7|
| 7- 2|si| 5|  Tz |     -30.6|     -0.8|      0.0|     30.6|
| 7- 2|si| 9|    Ty |     -30.6|      0.0|      4.2|     31.4|
| 7- 1|si| 9|     Si |     151.7|      0.0|      4.2|    151.9|

```

VERIFICA STABILITA` :

```

|L0 = 290. |
Z |Lc = 290. |Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a )=0.2100|ki=0.8565|
Y |Lc = 290. |Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b )=0.3400|ki=0.1615|
Caso11-11 - Nod0 1 - Asse Y
Ned = -466.6|Mzeq = 944.1|Myeq = 0.0|Ss = -236.2 ( 0.090)

```

```

P_IPE120_S009 ( 9)          stato limite ultimo - ASTA ( 360- 690) 1937
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|         0.0|         0.0|         0.0| -2238.8|         0.0|        22.9|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 5- 1|si| 1|Sx |    -169.2|      0.0|      0.0|    169.2|
| 5- 1|si| 5|  Tz |    -169.2|      0.9|      0.0|    169.2|
| 5- 1|si| 9|    TySi|    -169.2|      0.0|     -5.0|    169.4|
----- PROGR. 42.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     851.6|         0.0|         0.0| -2238.8|         0.0|        17.2|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 5- 1|si| 1|Sx |    -185.2|      0.0|      0.0|    185.2|
| 5- 1|si| 5|  Tz Si|    -185.2|      0.7|      0.0|    185.2|
| 5- 1|si| 9|    Ty |    -169.2|      0.0|     -3.7|    169.3|
----- PROGR. 85.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     1459.9|         0.0|         0.0| -2238.8|         0.0|       11.5|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 5- 1|si| 1|Sx |    -196.7|      0.0|      0.0|    196.7|
| 5- 1|si| 5|  Tz Si|    -196.7|      0.5|      0.0|    196.7|
| 5- 1|si| 9|    Ty |    -169.2|      0.0|     -2.5|    169.2|
----- PROGR. 128.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     1824.8|         0.0|         0.0| -2238.8|         0.0|         5.7|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 5- 1|si| 1|Sx |    -203.5|      0.0|      0.0|    203.5|
| 5- 1|si| 5|  Tz Si|    -203.5|      0.2|      0.0|    203.5|
| 5- 1|si| 9|    Ty |    -169.2|      0.0|     -1.2|    169.2|
----- PROGR. 170.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     1946.5|         0.0|         0.0| -2238.8|         0.0|         0.0|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 5- 1|si| 1|Sx Si|    -205.8|      0.0|      0.0|    205.8|
| 5- 1|si| 5|  Tz |    -205.8|      0.0|      0.0|    205.8|
| 5- 1|si| 9|    Ty |    -169.2|      0.0|      0.0|    169.2|
----- PROGR. 212.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     1824.8|         0.0|         0.0| -2238.8|         0.0|        -5.7|
| 7- 2|     1824.8|         0.0|         0.0| -440.0|         0.0|        -5.7|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 5- 1|si| 1|Sx |    -203.5|      0.0|      0.0|    203.5|
| 7- 2|si| 5|  Tz |    -67.6|     -0.2|      0.0|     67.6|
| 7- 2|si| 9|    Ty |    -33.2|      0.0|      1.2|     33.3|
| 5- 1|si| 5|     Si |    -203.5|     -0.2|      0.0|    203.5|
----- PROGR. 255.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     1459.9|         0.0|         0.0| -2238.8|         0.0|       -11.5|
| 7- 2|     1459.9|         0.0|         0.0| -440.0|         0.0|       -11.5|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 5- 1|si| 1|Sx |    -196.7|      0.0|      0.0|    196.7|
| 7- 2|si| 5|  Tz |    -60.8|     -0.5|      0.0|     60.8|
| 7- 2|si| 9|    Ty |    -33.2|      0.0|      2.5|     33.5|
| 5- 1|si| 5|     Si |    -196.7|     -0.5|      0.0|    196.7|
----- PROGR. 298.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     851.6|         0.0|         0.0| -2238.8|         0.0|       -17.2|
| 7- 2|     851.6|         0.0|         0.0| -440.0|         0.0|       -17.2|

```

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |   Sx |     Tz |     Ty |     Si |
| 5- 1|si| 1|Sx |    -185.2|      0.0|      0.0|    185.2|
| 7- 2|si| 5|  Tz |    -49.3|     -0.7|      0.0|     49.3|
| 7- 2|si| 9|    Ty |    -33.2|      0.0|      3.7|     33.9|
| 5- 1|si| 5|     Si |    -185.2|     -0.7|      0.0|    185.2|
----- PROGR. 340.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|         0.0|         0.0|         0.0| -2238.8|         0.0|       -22.9|

```

Copertura area carburante - Relazione di calcolo

```

| 7- 2|        0.0|     0.0|     0.0|    -440.0|     0.0|    -22.9|
TENSIONI (Sz=
0.00) :
| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx    |   -169.2|    0.0|    0.0|   169.2|
| 7- 2|si|5| Tz    |   -33.2|   -0.9|    0.0|    33.3|
| 7- 2|si|9| Ty    |   -33.2|    0.0|    5.0|    34.3|
| 5- 1|si|9| Si    |  -169.2|    0.0|    5.0|   169.4|

```

VERIFICA STABILITA` :

```

|L0 = 340.
Z |Lc = 340.|Ro = 4.90|Im = 69.3|Ncr= 57089.0|alfa(a )=0.2100|ki=0.7966|
Y |Lc = 340.|Ro = 1.45|Im = 235.1|Ncr= 4961.9|alfa(b )=0.3400|ki=0.1204|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -2238.8|Mzeq = 1687.0|Myeq = 0.0|Ss = -1437.9 ( 0.549)

```

```

P_IPE120_S009 ( 9)          stato limite ultimo - ASTA ( 690- 691) 1938
----- PROGR. 0.

```

SOLLECITAZIONI :

```

| Caso |        MZ |        MY |        MT |        N |        TZ |        TY |
| 5- 1|        0.0|        0.0|        0.0|    -3714.3|        0.0|    22.9|
| 7- 2|        0.0|        0.0|        0.0|    -446.6|        0.0|    22.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx    |  -280.6|    0.0|    0.0|   280.6|
| 7- 2|si|5| Tz    |   -33.7|    0.9|    0.0|    33.8|
| 7- 2|si|9| Ty    |   -33.7|    0.0|   -5.0|    34.8|
| 5- 1|si|9| Si    |  -280.6|    0.0|   -5.0|   280.8|
----- PROGR. 42.

```

SOLLECITAZIONI :

```

| Caso |        MZ |        MY |        MT |        N |        TZ |        TY |
| 5- 1|      851.6|        0.0|        0.0|    -3714.3|        0.0|   17.2|
| 7- 2|      851.6|        0.0|        0.0|    -446.6|        0.0|   17.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx    |  -296.7|    0.0|    0.0|   296.7|
| 7- 2|si|5| Tz    |   -49.8|    0.7|    0.0|    49.8|
| 7- 2|si|9| Ty    |   -33.7|    0.0|   -3.7|    34.4|
| 5- 1|si|5| Si    |  -296.7|    0.7|    0.0|   296.7|
----- PROGR. 85.

```

SOLLECITAZIONI :

```

| Caso |        MZ |        MY |        MT |        N |        TZ |        TY |
| 5- 1|     1459.9|        0.0|        0.0|    -3714.3|        0.0|   11.5|
| 3- 2|     1459.9|        0.0|        0.0|   -1085.6|        0.0|   11.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx    |  -308.1|    0.0|    0.0|   308.1|
| 3- 2|si|5| Tz    |  -109.5|    0.5|    0.0|   109.5|
| 3- 2|si|9| Ty    |   -82.0|    0.0|   -2.5|    82.1|
| 5- 1|si|5| Si    |  -308.1|    0.5|    0.0|   308.1|
----- PROGR. 128.

```

SOLLECITAZIONI :

```

| Caso |        MZ |        MY |        MT |        N |        TZ |        TY |
| 5- 1|     1824.8|        0.0|        0.0|    -3714.3|        0.0|    5.7|
| 7- 2|     1824.8|        0.0|        0.0|    -446.6|        0.0|    5.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx    |  -315.0|    0.0|    0.0|   315.0|
| 7- 2|si|5| Tz    |   -68.1|    0.2|    0.0|    68.1|
| 7- 2|si|9| Ty    |   -33.7|    0.0|   -1.2|    33.8|
| 5- 1|si|5| Si    |  -315.0|    0.2|    0.0|   315.0|
----- PROGR. 170.

```

SOLLECITAZIONI :

```

| Caso |        MZ |        MY |        MT |        N |        TZ |        TY |
| 5- 1|     1946.5|        0.0|        0.0|    -3714.3|        0.0|    0.0|
| 7- 1|     1946.5|        0.0|        0.0|   -3641.8|        0.0|    0.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx Si |  -317.3|    0.0|    0.0|   317.3|
| 7- 1|si|5| Tz    |  -311.8|    0.0|    0.0|   311.8|
| 7- 1|si|9| Ty    |  -275.2|    0.0|    0.0|   275.2|
----- PROGR. 212.

```

SOLLECITAZIONI :

```

| Caso |        MZ |        MY |        MT |        N |        TZ |        TY |
| 5- 1|     1824.8|        0.0|        0.0|    -3714.3|        0.0|   -5.7|
| 7- 1|     1824.8|        0.0|        0.0|   -3641.8|        0.0|   -5.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx    |  -315.0|    0.0|    0.0|   315.0|
| 7- 1|si|5| Tz    |  -309.5|   -0.2|    0.0|   309.5|
| 7- 1|si|9| Ty    |  -275.2|    0.0|    1.2|   275.2|
| 5- 1|si|5| Si    |  -315.0|   -0.2|    0.0|   315.0|
----- PROGR. 255.

```

SOLLECITAZIONI :

```

| Caso |        MZ |        MY |        MT |        N |        TZ |        TY |
| 5- 1|     1459.9|        0.0|        0.0|    -3714.3|        0.0|  -11.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx    |  -308.1|    0.0|    0.0|   308.1|
| 5- 1|si|5| Tz Si |  -308.1|   -0.5|    0.0|   308.1|
| 5- 1|si|9| Ty    |  -280.6|    0.0|    2.5|   280.7|
----- PROGR. 298.

```

SOLLECITAZIONI :

```

| Caso |        MZ |        MY |        MT |        N |        TZ |        TY |
| 5- 1|      851.6|        0.0|        0.0|    -3714.3|        0.0|  -17.2|
| 7- 1|      851.6|        0.0|        0.0|   -3641.8|        0.0|  -17.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |    Tz |    Ty |    Si |
| 5- 1|si|1|Sx    |  -296.7|    0.0|    0.0|   296.7|

```


Copertura area carburante - Relazione di calcolo

| 7- 1|si| 7|	Si	230.4|	0.5|	0.0|	230.4|		

PROGR. 298.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	851.6|	0.0|	0.0|	2684.9|	0.0|	-17.2|	
| 5- 1|	851.6|	0.0|	0.0|	2653.8|	0.0|	-17.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|si| 3|Sx	218.9|	0.0|	0.0|	218.9|			
| 5- 1|si| 5| Tz	184.5|	-0.7|	0.0|	184.5|			
| 5- 1|si| 9| Ty	200.5|	0.0|	3.7|	200.6|			
| 7- 1|si| 7| Si	218.9|	0.7|	0.0|	218.9|			

PROGR. 340.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	0.0|	0.0|	0.0|	2684.9|	0.0|	-22.9|	
| 5- 1|	0.0|	0.0|	0.0|	2653.8|	0.0|	-22.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|si| 1|Sx	202.9|	0.0|	0.0|	202.9|			
| 5- 1|si| 5| Tz	200.5|	-0.9|	0.0|	200.5|			
| 5- 1|si| 9| Ty	200.5|	0.0|	5.0|	200.7|			
| 7- 1|si| 9| Si	202.9|	0.0|	5.0|	203.0|			

VERIFICA STABILITA` :							
|L0 = 340.0|							
Z |Lc = 340.0|Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|							
Y |Lc = 340.0|Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|							
Caso11-11 - Nodo 1 - Asse Y							
Ned = -493.5|Mzeq = 1297.7|Myeq = 0.0|Ss = -334.3 (0.128)							

P_IPE120_S009 (9) stato limite ultimo - ASTA (378- 741) 1940							

PROGR. 0.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16|	0.0|	0.0|	0.0|	895.2|	0.0|	16.5|	
| 5- 1|	0.0|	0.0|	0.0|	335.7|	0.0|	21.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-16|si| 1|Sx	67.6|	0.0|	0.0|	67.6|			
| 5- 1|si| 5| Tz	25.4|	0.9|	0.0|	25.4|			
| 5- 1|si| 9| Ty	25.4|	0.0|	-4.6|	26.6|			
| 11-16|si| 9| Si	67.6|	0.0|	-3.6|	67.9|			

PROGR. 40.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16|	571.6|	0.0|	0.0|	895.2|	0.0|	12.3|	
| 5- 1|	743.1|	0.0|	0.0|	335.7|	0.0|	16.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-16|si| 3|Sx	78.4|	0.0|	0.0|	78.4|			
| 5- 1|si| 5| Tz	11.4|	0.7|	0.0|	11.4|			
| 5- 1|si| 9| Ty	25.4|	0.0|	-3.5|	26.1|			
| 11-16|si| 7| Si	78.4|	-0.5|	0.0|	78.4|			

PROGR. 79.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16|	979.9|	0.0|	0.0|	895.2|	0.0|	8.2|	
| 5- 1|	1273.9|	0.0|	0.0|	335.7|	0.0|	10.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-16|si| 3|Sx	86.1|	0.0|	0.0|	86.1|			
| 5- 1|si| 5| Tz	1.4|	0.4|	0.0|	1.6|			
| 5- 1|si| 9| Ty	25.4|	0.0|	-2.3|	25.7|			
| 11-16|si| 7| Si	86.1|	-0.3|	0.0|	86.1|			

PROGR. 119.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16|	1224.9|	0.0|	0.0|	895.2|	0.0|	4.1|	
| 5- 1|	1592.3|	0.0|	0.0|	335.7|	0.0|	5.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-16|si| 3|Sx	90.7|	0.0|	0.0|	90.7|			
| 5- 1|si| 5| Tz	-4.6|	0.2|	0.0|	4.7|			
| 5- 1|si| 9| Ty	25.4|	0.0|	-1.2|	25.4|			
| 11-16|si| 7| Si	90.7|	-0.2|	0.0|	90.7|			

PROGR. 159.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16|	1306.5|	0.0|	0.0|	895.2|	0.0|	0.0|	
| 5- 1|	1698.5|	0.0|	0.0|	335.7|	0.0|	0.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-16|si| 3|Sx	92.3|	0.0|	0.0|	92.3|			
| 5- 1|si| 5| Tz	-6.6|	0.0|	0.0|	6.6|			
| 5- 1|si| 9| Ty	25.4|	0.0|	0.0|	25.4|			

PROGR. 199.							
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 11-16|	1224.9|	0.0|	0.0|	895.2|	0.0|	-4.1|	
| 7- 2|	1592.3|	0.0|	0.0|	57.4|	0.0|	-5.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 11-16|si| 3|Sx	90.7|	0.0|	0.0|	90.7|			
| 7- 2|si| 5| Tz	-25.7|	-0.2|	0.0|	25.7|			
| 7- 2|si| 9| Ty	4.3|	0.0|	1.2|	4.8|			
| 11-16|si| 7| Si	90.7|	0.2|	0.0|	90.7|			

PROGR. 238.							

Copertura area carburante - Relazione di calcolo

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|    979.9|    0.0|    0.0|   895.2|    0.0|   -8.2|
| 7- 2 |   1273.9|    0.0|    0.0|    57.4|    0.0|  -10.7|
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 3|Sx |      86.1|      0.0|      0.0|      86.1|
| 7- 2 |si| 5| Tz |     -19.7|     -0.4|      0.0|     19.7|
| 7- 2 |si| 9| Ty |      4.3|      0.0|      2.3|      5.9|
| 11-16|si| 7| Si |      86.1|      0.3|      0.0|      86.1|
----- PROGR. 278.
```

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|    571.6|    0.0|    0.0|   895.2|    0.0|  -12.3|
| 7- 2 |   743.1|    0.0|    0.0|    57.4|    0.0|  -16.0|
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 3|Sx |      78.4|      0.0|      0.0|      78.4|
| 7- 2 |si| 5| Tz |     -9.7|     -0.7|      0.0|     9.7|
| 7- 2 |si| 9| Ty |      4.3|      0.0|      3.5|      7.4|
| 11-16|si| 7| Si |      78.4|      0.5|      0.0|      78.4|
----- PROGR. 318.
```

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|    0.0|    0.0|    0.0|   895.2|    0.0|  -16.5|
| 7- 2 |    0.0|    0.0|    0.0|    57.4|    0.0|  -21.4|
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 3|Sx |      67.6|      0.0|      0.0|      67.6|
| 7- 2 |si| 5| Tz |      4.3|     -0.9|      0.0|      4.6|
| 7- 2 |si| 9| Ty |      4.3|      0.0|      4.6|      9.1|
| 11-16|si| 9| Si |      67.6|      0.0|      3.6|      67.9|
```

```
-----
VERIFICA STABILITA` :

```

```
      |L0 = 318.
Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.825|
Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
Caso11- 1 - Nodo 1 - Asse Y
Ned = -468.1|MzEq = 1132.3|MyEq = 0.0|Ss = -280.3 ( 0.107)
```

```
P_IPe120_S009 ( 9) stato limite ultimo - ASTA ( 741- 742) 1941
----- PROGR. 0.
```

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|    0.0|    0.0|    0.0|  1093.8|    0.0|   16.5|
| 5- 1 |    0.0|    0.0|    0.0|  -840.6|    0.0|   21.4|
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 1|Sx |      82.6|      0.0|      0.0|      82.6|
| 5- 1 |si| 5| Tz |     -63.5|      0.9|      0.0|     63.5|
| 5- 1 |si| 9| Ty |     -63.5|      0.0|     -4.6|     64.0|
| 11-16|si| 9| Si |      82.6|      0.0|     -3.6|      82.9|
----- PROGR. 40.
```

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|    571.6|    0.0|    0.0|  1093.8|    0.0|   12.3|
| 5- 1 |    743.1|    0.0|    0.0|  -840.6|    0.0|   16.0|
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 3|Sx |      93.4|      0.0|      0.0|      93.4|
| 5- 1 |si| 5| Tz |     -77.5|      0.7|      0.0|     77.5|
| 5- 1 |si| 9| Ty |     -63.5|      0.0|     -3.5|     63.8|
| 11-16|si| 7| Si |      93.4|     -0.5|      0.0|      93.4|
----- PROGR. 79.
```

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|    979.9|    0.0|    0.0|  1093.8|    0.0|    8.2|
| 5- 1 |   1273.9|    0.0|    0.0|  -840.6|    0.0|   10.7|
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 3|Sx |     101.1|      0.0|      0.0|     101.1|
| 5- 1 |si| 5| Tz |     -87.5|      0.4|      0.0|     87.5|
| 5- 1 |si| 9| Ty |     -63.5|      0.0|     -2.3|     63.6|
| 11-16|si| 7| Si |     101.1|     -0.3|      0.0|     101.1|
----- PROGR. 119.
```

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|   1224.9|    0.0|    0.0|  1093.8|    0.0|    4.1|
| 5- 1 |   1592.3|    0.0|    0.0|  -840.6|    0.0|    5.3|
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 3|Sx |     105.7|      0.0|      0.0|     105.7|
| 5- 1 |si| 5| Tz |     -93.5|      0.2|      0.0|     93.5|
| 5- 1 |si| 9| Ty |     -63.5|      0.0|     -1.2|     63.5|
| 11-16|si| 7| Si |     105.7|     -0.2|      0.0|     105.7|
----- PROGR. 159.
```

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 11-16|   1306.5|    0.0|    0.0|  1093.8|    0.0|    0.0|
| 5- 1 |   1698.5|    0.0|    0.0|  -840.6|    0.0|    0.0|
```

```
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 11-16|si| 3|Sx |     107.3|      0.0|      0.0|     107.3|
| 5- 1 |si| 5| Tz |     -95.5|      0.0|      0.0|     95.5|
| 5- 1 |si| 9| Ty |     -63.5|      0.0|      0.0|     63.5|
----- PROGR. 198.
```

```
SOLLECITAZIONI
:
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
```


Copertura area carburante - Relazione di calcolo

| 11-16|	1224.9|	0.0|	0.0|	1093.8|	0.0|	-4.1|
| 7- 2|	1592.3|	0.0|	0.0|	-62.6|	0.0|	-5.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 3|Sx |	105.7|	0.0|	0.0|	105.7|
| 7- 2|si| 5| Tz |	-34.7|	-0.2|	0.0|	34.7|
| 7- 2|si| 9| Ty |	-4.7|	0.0|	1.2|	5.1|
| 11-16|si| 7| Si |	105.7|	0.2|	0.0|	105.7|

PROGR. 238.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	979.9|	0.0|	0.0|	1093.8|	0.0|	-8.2|
| 7- 2|	1273.9|	0.0|	0.0|	-62.6|	0.0|	-10.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 3|Sx |	101.1|	0.0|	0.0|	101.1|
| 7- 2|si| 5| Tz |	-28.7|	-0.4|	0.0|	28.7|
| 7- 2|si| 9| Ty |	-4.7|	0.0|	2.3|	6.2|
| 11-16|si| 7| Si |	101.1|	0.3|	0.0|	101.1|

PROGR. 278.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	571.6|	0.0|	0.0|	1093.8|	0.0|	-12.3|
| 7- 2|	743.1|	0.0|	0.0|	-62.6|	0.0|	-16.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 3|Sx |	93.4|	0.0|	0.0|	93.4|
| 7- 2|si| 5| Tz |	-18.7|	-0.7|	0.0|	18.8|
| 7- 2|si| 9| Ty |	-4.7|	0.0|	3.5|	7.7|
| 11-16|si| 7| Si |	93.4|	0.5|	0.0|	93.4|

PROGR. 318.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 11-16|	0.0|	0.0|	0.0|	1093.8|	0.0|	-16.5|
| 7- 2|	0.0|	0.0|	0.0|	-62.6|	0.0|	-21.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 11-16|si| 3|Sx |	82.6|	0.0|	0.0|	82.6|
| 7- 2|si| 5| Tz |	-4.7|	-0.9|	0.0|	5.0|
| 7- 2|si| 9| Ty |	-4.7|	0.0|	4.6|	9.3|
| 11-16|si| 9| Si |	82.6|	0.0|	3.6|	82.9|

VERIFICA STABILITA` :

L0 = 318. |
 Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|
 Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
 Caso11- 1 - Nodo 1 - Asse Y
 Ned = -1080.5|Mzeq = 1132.3|Myeq = 0.0|Ss = -619.1 (0.236)

P_IPE120_S009 (9) stato limite ultimo - ASTA (742- 743) 1942

 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	0.0|	0.0|	0.0|	-3866.7|	0.0|	21.4|
| 7- 2|	0.0|	0.0|	0.0|	-740.3|	0.0|	21.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-292.1|	0.0|	0.0|	292.1|
| 7- 2|si| 5| Tz |	-55.9|	0.9|	0.0|	56.0|
| 7- 2|si| 9| Ty |	-55.9|	0.0|	-4.6|	56.5|
| 5- 1|si| 9| Si |	-292.1|	0.0|	-4.6|	292.3|

PROGR. 40.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	743.1|	0.0|	0.0|	-3866.7|	0.0|	16.0|
| 7- 2|	743.1|	0.0|	0.0|	-740.3|	0.0|	16.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-306.1|	0.0|	0.0|	306.1|
| 7- 2|si| 5| Tz |	-69.9|	0.7|	0.0|	69.9|
| 7- 2|si| 9| Ty |	-55.9|	0.0|	-3.5|	56.3|
| 5- 1|si| 5| Si |	-306.1|	0.7|	0.0|	306.2|

PROGR. 79.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	1273.9|	0.0|	0.0|	-3866.7|	0.0|	10.7|
| 7- 2|	1273.9|	0.0|	0.0|	-740.3|	0.0|	10.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-316.2|	0.0|	0.0|	316.2|
| 7- 2|si| 5| Tz |	-79.9|	0.4|	0.0|	79.9|
| 7- 2|si| 9| Ty |	-55.9|	0.0|	-2.3|	56.1|
| 5- 1|si| 5| Si |	-316.2|	0.4|	0.0|	316.2|

PROGR. 119.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	1592.3|	0.0|	0.0|	-3866.7|	0.0|	5.3|
| 7- 2|	1592.3|	0.0|	0.0|	-740.3|	0.0|	5.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 1|Sx |	-322.2|	0.0|	0.0|	322.2|
| 7- 2|si| 5| Tz |	-85.9|	0.2|	0.0|	85.9|
| 7- 2|si| 9| Ty |	-55.9|	0.0|	-1.2|	56.0|
| 5- 1|si| 5| Si |	-322.2|	0.2|	0.0|	322.2|

PROGR. 159.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	1698.5|	0.0|	0.0|	-3866.7|	0.0|	0.0|

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | Si | -324.2| 0.0| 0.0| 324.2|
| 5- 1|si| 5| Tz | Si | -324.2| 0.0| 0.0| 324.2|
| 5- 1|si| 9| Ty | Ty | -292.1| 0.0| 0.0| 292.1|
-----
PROGR. 199.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1592.3| 0.0| 0.0| -3866.7| 0.0| -5.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | | -322.2| 0.0| 0.0| 322.2|
| 5- 1|si| 5| Tz | Si | -322.2| -0.2| 0.0| 322.2|
| 5- 1|si| 9| Ty | Ty | -292.1| 0.0| 1.2| 292.2|
-----
PROGR. 238.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1273.9| 0.0| 0.0| -3866.7| 0.0| -10.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | | -316.2| 0.0| 0.0| 316.2|
| 5- 1|si| 5| Tz | Si | -316.2| -0.4| 0.0| 316.2|
| 5- 1|si| 9| Ty | Ty | -292.1| 0.0| 2.3| 292.2|
-----
PROGR. 278.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 743.1| 0.0| 0.0| -3866.7| 0.0| -16.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | | -306.1| 0.0| 0.0| 306.1|
| 5- 1|si| 5| Tz | Si | -306.1| -0.7| 0.0| 306.2|
| 5- 1|si| 9| Ty | Ty | -292.1| 0.0| 3.5| 292.2|
-----
PROGR. 318.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -3866.7| 0.0| -21.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 3|Sx | | -292.1| 0.0| 0.0| 292.1|
| 5- 1|si| 5| Tz | Si | -292.1| -0.9| 0.0| 292.2|
| 5- 1|si| 9| Ty | TySi | -292.1| 0.0| 4.6| 292.3|
-----
-----
VERIFICA STABILITA` :
|L0 = 318. |
Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|
Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -3866.7|Mzeq = 1472.0|Myeq = 0.0|Ss = -2167.5 ( 0.828)
-----
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 743- 396) 1943
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -2045.2| 0.0| 21.4|
| 2- 1| 0.0| 0.0| 0.0| -1876.3| 0.0| 21.4|
| 1- 1| 0.0| 0.0| 0.0| -1247.6| 0.0| 21.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | | -154.5| 0.0| 0.0| 154.5|
| 2- 1|si| 6| Tz | | -141.8| -0.9| 0.0| 141.8|
| 1- 1|si| 9| Ty | Ty | -94.3| 0.0| -4.6| 94.6|
| 5- 1|si| 9| Si | Si | -154.5| 0.0| -4.6| 154.7|
-----
PROGR. 40.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 741.2| 0.0| 0.0| -2045.2| 0.0| 16.0|
| 2- 1| 741.2| 0.0| 0.0| -1876.3| 0.0| 16.0|
| 1- 1| 741.2| 0.0| 0.0| -1247.6| 0.0| 16.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | | -168.5| 0.0| 0.0| 168.5|
| 2- 1|si| 6| Tz | | -155.7| -0.7| 0.0| 155.7|
| 1- 1|si| 9| Ty | Ty | -94.3| 0.0| -3.5| 94.5|
| 5- 1|si| 5| Si | Si | -168.5| 0.7| 0.0| 168.5|
-----
PROGR. 79.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1270.6| 0.0| 0.0| -2045.2| 0.0| 10.7|
| 1- 1| 1270.6| 0.0| 0.0| -1247.6| 0.0| 10.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 1|Sx | | -178.5| 0.0| 0.0| 178.5|
| 5- 1|si| 6| Tz | | -178.5| -0.4| 0.0| 178.5|
| 1- 1|si| 9| Ty | Ty | -94.3| 0.0| -2.3| 94.3|
| 5- 1|si| 5| Si | Si | -178.5| 0.4| 0.0| 178.5|
-----
PROGR. 119.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1588.3| 0.0| 0.0| -2045.2| 0.0| 5.3|
| 1- 1| 1588.3| 0.0| 0.0| -1247.6| 0.0| 5.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | | -184.5| 0.0| 0.0| 184.5|
| 5- 1|si| 6| Tz | | -184.5| -0.2| 0.0| 184.5|
| 1- 1|si| 9| Ty | Ty | -94.3| 0.0| -1.2| 94.3|
| 5- 1|si| 5| Si | Si | -184.5| 0.2| 0.0| 184.5|
-----
PROGR. 159.

SOLLECITAZIONI :

```

Copertura area carburante - Relazione di calcolo

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    1694.2 |      0.0 |      0.0 | -2045.2 |      0.0 |      0.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx |      -186.4 |      0.0 |      0.0 |    186.4 |
| 5- 1|si| 5|  Tz |      -186.4 |      0.0 |      0.0 |    186.4 |
-----
PROGR. 198.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    1588.3 |      0.0 |      0.0 | -2045.2 |      0.0 |     -5.3 |
| 1- 1 |    1588.3 |      0.0 |      0.0 | -1247.6 |      0.0 |     -5.3 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx |      -184.5 |      0.0 |      0.0 |    184.5 |
| 5- 1|si| 5|  Tz |      -184.5 |     -0.2 |      0.0 |    184.5 |
| 1- 1|si| 9|  Ty |      -94.3 |      0.0 |      1.2 |     94.3 |
-----
PROGR. 238.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    1270.6 |      0.0 |      0.0 | -2045.2 |      0.0 |    -10.7 |
| 1- 1 |    1270.6 |      0.0 |      0.0 | -1247.6 |      0.0 |    -10.7 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx |      -178.5 |      0.0 |      0.0 |    178.5 |
| 5- 1|si| 5|  Tz |      -178.5 |     -0.4 |      0.0 |    178.5 |
| 1- 1|si| 9|  Ty |      -94.3 |      0.0 |      2.3 |     94.3 |
-----
PROGR. 278.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     741.2 |      0.0 |      0.0 | -2045.2 |      0.0 |    -16.0 |
| 2- 1 |     741.2 |      0.0 |      0.0 | -1876.3 |      0.0 |    -16.0 |
| 1- 1 |     741.2 |      0.0 |      0.0 | -1247.6 |      0.0 |    -16.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx |      -168.5 |      0.0 |      0.0 |    168.5 |
| 2- 1|si| 5|  Tz |      -155.7 |     -0.7 |      0.0 |    155.7 |
| 1- 1|si| 9|  Ty |      -94.3 |      0.0 |      3.5 |     94.5 |
| 5- 1|si| 5|  Si |      -168.5 |     -0.7 |      0.0 |    168.5 |
-----
PROGR. 317.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -2045.2 |      0.0 |    -21.4 |
| 2- 1 |      0.0 |      0.0 |      0.0 | -1876.3 |      0.0 |    -21.4 |
| 1- 1 |      0.0 |      0.0 |      0.0 | -1247.6 |      0.0 |    -21.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx |      -154.5 |      0.0 |      0.0 |    154.5 |
| 2- 1|si| 5|  Tz |      -141.8 |     -0.9 |      0.0 |    141.8 |
| 1- 1|si| 9|  Ty |      -94.3 |      0.0 |      4.6 |     94.6 |
| 5- 1|si| 9|  Si |      -154.5 |      0.0 |      4.6 |    154.7 |
-----
PROGR. 317.

VERIFICA STABILITA` :
|L0 = 317. |
Z |Lc = 317. |Ro = 4.90 |lm = 64.7 |Ncr= 65591.0 |alfa(a)=0.2100 |ki=0.8256 |
Y |Lc = 317. |Ro = 1.45 |lm = 219.4 |Ncr= 5700.9 |alfa(b)=0.3400 |ki=0.1370 |
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -2045.2 |Mzeq = 1468.3 |Myeq = 0.0 |Ss = -1156.8 ( 0.442)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 9- 555) 2042
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |      0.0 |      0.0 |      0.0 | -3961.1 |      0.0 |    18.9 |
| 7- 2 |      0.0 |      0.0 |      0.0 | -111.8 |      0.0 |    18.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -299.3 |      0.0 |      0.0 |    299.3 |
| 7- 2|si| 5|  Tz |      -8.4 |      0.8 |      0.0 |     8.6 |
| 7- 2|si| 9|  Ty |      -8.4 |      0.0 |     -4.1 |    11.0 |
| 5- 1|si| 9|  Si |      -299.3 |      0.0 |     -4.1 |    299.4 |
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     577.6 |      0.0 |      0.0 | -3961.1 |      0.0 |    14.1 |
| 7- 2 |     577.6 |      0.0 |      0.0 | -111.8 |      0.0 |    14.1 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -310.2 |      0.0 |      0.0 |    310.2 |
| 7- 2|si| 5|  Tz |      -19.3 |      0.6 |      0.0 |    19.4 |
| 7- 2|si| 9|  Ty |      -8.4 |      0.0 |     -3.1 |    10.0 |
| 5- 1|si| 5|  Si |      -310.2 |      0.6 |      0.0 |    310.2 |
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |     990.1 |      0.0 |      0.0 | -3961.1 |      0.0 |     9.4 |
| 7- 2 |     990.1 |      0.0 |      0.0 | -111.8 |      0.0 |     9.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -317.9 |      0.0 |      0.0 |    317.9 |
| 7- 2|si| 5|  Tz |      -27.1 |      0.4 |      0.0 |    27.1 |
| 7- 2|si| 9|  Ty |      -8.4 |      0.0 |     -2.0 |     9.2 |
| 5- 1|si| 5|  Si |      -317.9 |      0.4 |      0.0 |    317.9 |
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1 |    1237.6 |      0.0 |      0.0 | -3961.1 |      0.0 |     4.7 |
| 8- 2 |    1237.6 |      0.0 |      0.0 | -553.3 |      0.0 |     4.7 |
TENSIONI (Sz= 0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	-322.6	0.0	0.0	322.6
8-2	|si|	5	Tz	-65.1	0.2	0.0	65.1
8-2	|si|	9	Ty	-41.8	0.0	-1.0	41.8
5-1	|si|	5	Si	-322.6	0.2	0.0	322.6

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	1320.1	0.0	0.0	-3961.1	0.0	0.0
6-1	1320.1	0.0	0.0	-3696.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	-324.2	0.0	0.0	324.2
6-1	|si|	5	Tz	-304.1	0.0	0.0	304.1
6-1	|si|	9	Ty	-279.3	0.0	0.0	279.3

----- PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	1237.6	0.0	0.0	-3961.1	0.0	-4.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	-322.6	0.0	0.0	322.6
5-1	|si|	5	Tz	-322.6	-0.2	0.0	322.6
5-1	|si|	9	Ty	-299.3	0.0	1.0	299.3

----- PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	990.1	0.0	0.0	-3961.1	0.0	-9.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	-317.9	0.0	0.0	317.9
5-1	|si|	5	Tz	-317.9	-0.4	0.0	317.9
5-1	|si|	9	Ty	-299.3	0.0	2.0	299.3

----- PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	577.6	0.0	0.0	-3961.1	0.0	-14.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx	-310.2	0.0	0.0	310.2
5-1	|si|	5	Tz	-310.2	-0.6	0.0	310.2
5-1	|si|	9	Ty	-299.3	0.0	3.1	299.3

----- PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	0.0	-3961.1	0.0	-18.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	3	Sx	-299.3	0.0	0.0	299.3
5-1	|si|	5	Tz	-299.3	-0.8	0.0	299.3
5-1	|si|	9	TySi	-299.3	0.0	4.1	299.4

VERIFICA STABILITA` :

I₀ = 280.1
 Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 5-1 - Nodo 1 - Asse Y
 Ned = -3961.1|Mzeq = 1144.1|Myeq = 0.0|Ss = -1761.1 (0.672)

P_IPE120_S009 (9) stato limite ultimo - ASTA (737- 394) 2043
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-3908.6	0.0	21.4
1-1	0.0	0.0	0.0	-2224.0	0.0	21.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	-295.3	0.0	0.0	295.3
1-1	|si|	5	Tz	-168.0	0.9	0.0	168.0
1-1	|si|	9	Ty	-168.0	0.0	-4.6	168.2
6-1	|si|	9	Si	-295.3	0.0	-4.6	295.4

----- PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	741.2	0.0	0.0	-3908.6	0.0	16.0
1-1	741.2	0.0	0.0	-2224.0	0.0	16.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	-309.3	0.0	0.0	309.3
1-1	|si|	5	Tz	-182.0	0.7	0.0	182.0
1-1	|si|	9	Ty	-168.0	0.0	-3.5	168.1
6-1	|si|	5	Si	-309.3	0.7	0.0	309.3

----- PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1270.6	0.0	0.0	-3908.6	0.0	10.7
3-1	1270.6	0.0	0.0	-2680.0	0.0	10.7
1-1	1270.6	0.0	0.0	-2224.0	0.0	10.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	-319.3	0.0	0.0	319.3
3-1	|si|	6	Tz	-226.4	-0.4	0.0	226.4
1-1	|si|	9	Ty	-168.0	0.0	-2.3	168.1
6-1	|si|	5	Si	-319.3	0.4	0.0	319.3

----- PROGR. 119.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1588.3	0.0	0.0	-3908.6	0.0	5.3

Copertura area carburante - Relazione di calcolo

| 1- 1|	1588.3|	0.0|	0.0|	-2224.0|	0.0|	5.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-325.2|	0.0|	0.0|	325.2|		
| 1- 1|si| 6| Tz |	-198.0|	-0.2|	0.0|	198.0|		
| 1- 1|si| 9| Ty |	-168.0|	0.0|	-1.2|	168.0|		
| 6- 1|si| 5| Si |	-325.2|	0.2|	0.0|	325.2|		

----- PROGR. 159.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1694.2|	0.0|	0.0|	-3908.6|	0.0|	0.0|
| 12- 2|	1303.2|	0.0|	0.0|	-1349.2|	0.0|	0.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-327.2|	0.0|	0.0|	327.2|		
| 12- 2|si| 5| Tz |	-126.5|	0.0|	0.0|	126.5|		

----- PROGR. 198.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1588.3|	0.0|	0.0|	-3908.6|	0.0|	-5.3|
| 1- 1|	1588.3|	0.0|	0.0|	-2224.0|	0.0|	-5.3|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-325.2|	0.0|	0.0|	325.2|		
| 1- 1|si| 5| Tz |	-198.0|	-0.2|	0.0|	198.0|		
| 1- 1|si| 9| Ty |	-168.0|	0.0|	1.2|	168.0|		
| 6- 1|si| 5| Si |	-325.2|	-0.2|	0.0|	325.2|		

----- PROGR. 238.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	1270.6|	0.0|	0.0|	-3908.6|	0.0|	-10.7|
| 3- 1|	1270.6|	0.0|	0.0|	-2680.0|	0.0|	-10.7|
| 1- 1|	1270.6|	0.0|	0.0|	-2224.0|	0.0|	-10.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-319.3|	0.0|	0.0|	319.3|		
| 3- 1|si| 5| Tz |	-226.4|	-0.4|	0.0|	226.4|		
| 1- 1|si| 9| Ty |	-168.0|	0.0|	2.3|	168.1|		
| 6- 1|si| 5| Si |	-319.3|	-0.4|	0.0|	319.3|		

----- PROGR. 278.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	741.2|	0.0|	0.0|	-3908.6|	0.0|	-16.0|
| 1- 1|	741.2|	0.0|	0.0|	-2224.0|	0.0|	-16.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-309.3|	0.0|	0.0|	309.3|		
| 1- 1|si| 5| Tz |	-182.0|	-0.7|	0.0|	182.0|		
| 1- 1|si| 9| Ty |	-168.0|	0.0|	3.5|	168.1|		
| 6- 1|si| 5| Si |	-309.3|	-0.7|	0.0|	309.3|		

----- PROGR. 317.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	0.0|	0.0|	0.0|	-3908.6|	0.0|	-21.4|
| 1- 1|	0.0|	0.0|	0.0|	-2224.0|	0.0|	-21.4|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-295.3|	0.0|	0.0|	295.3|		
| 1- 1|si| 5| Tz |	-168.0|	-0.9|	0.0|	168.0|		
| 1- 1|si| 9| Ty |	-168.0|	0.0|	4.6|	168.2|		
| 6- 1|si| 9| Si |	-295.3|	0.0|	4.6|	295.4|		

VERIFICA STABILITA` :

|L0 = 317.1
 Z |Lc = 317.1|Ro = 4.90|lm = 64.7|Ncr= 65591.0|alfa(a)=0.2100|ki=0.8256|
 Y |Lc = 317.1|Ro = 1.45|lm = 219.4|Ncr= 5700.9|alfa(b)=0.3400|ki=0.1370|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -3908.6|Mzeq = 1468.3|Myeq = 0.0|Ss = -2185.6 (0.834)

P_IPE120_S009 (9) stato limite ultimo - ASTA (4- 522) 2063
 ----- PROGR. 0.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	0.0|	0.0|	-21.5|	-217.1|	-0.8|	720.3|
| 5- 1|	0.0|	0.0|	-23.4|	-20.6|	-8.4|	801.5|
| 6- 1|	0.0|	0.0|	-23.8|	-135.9|	-0.8|	804.0|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 8- 1|si| 1|Sx |	-16.4|	0.0|	0.0|	16.4|		
| 5- 1|si| 6| Tz |	-1.6|	-45.4|	0.0|	78.6|		
| 6- 1|si| 9| TySi|	-10.3|	0.0|	-182.6|	316.5|		

----- PROGR. 35.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	23949.9|	250.6|	-23.4|	-20.6|	-5.9|	567.1|
| 6- 1|	24039.7|	29.4|	-23.8|	-138.4|	-0.8|	569.7|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	-481.8|	0.0|	0.0|	481.8|		
| 5- 1|si| 6| Tz |	-461.2|	-35.4|	0.0|	465.2|		
| 6- 1|si| 9| Ty |	-10.2|	0.0|	-131.7|	228.4|		

----- PROGR. 70.

SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	39696.4|	413.0|	-23.4|	-20.6|	-3.4|	332.7|
| 6- 1|	39875.9|	58.8|	-23.8|	-140.9|	-0.8|	335.3|

TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 2|Sx	Si	-797.3|	0.0|	0.0|	797.3|
| 5- 1|si| 6| Tz		-763.3|	-25.4|	0.0|	764.6|
| 6- 1|si| 9| Ty		-10.2|	0.0|	-80.8|	140.4|

PROGR.

105.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	47239.4|	487.1|	-23.4|	-20.6|	-0.9|	98.3|
| 6- 1|	47508.7|	88.2|	-23.8|	-143.4|	-0.8|	100.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	Si	-948.0|	0.0|	948.0|
| 6- 1|si| 6| Tz		-909.0|	-15.8|	909.4|
| 6- 1|si| 9| Ty		-10.1|	0.0|	-29.9|

PROGR.

140.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	46579.0|	473.1|	-23.4|	-20.6|	1.7|	-136.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	Si	-934.0|	0.0|	934.0|
| 5- 1|si| 6| Tz		-895.0|	17.2|	895.5|
| 5- 1|si| 9| Ty		2.2|	0.0|	37.4|

PROGR.

175.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	37715.0|	370.9|	-23.4|	-20.6|	4.2|	-370.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	Si	-755.1|	0.0|	755.1|
| 5- 1|si| 6| Tz		-724.6|	27.1|	726.1|
| 5- 1|si| 9| Ty		1.4|	0.0|	88.4|

PROGR.

210.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	21186.2|	176.4|	-23.8|	-151.0|	-0.8|	-602.3|
| 5- 1|	20647.7|	180.5|	-23.4|	-20.6|	6.7|	-604.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si	-431.0|	0.0|	431.0|
| 5- 1|si| 6| Tz		-396.6|	37.1|	401.8|
| 5- 1|si| 9| Ty		-0.1|	0.0|	139.3|

PROGR.

245.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	-4322.3|	-322.3|	-20.8|	-25.0|	16.0|	-751.3|
| 5- 1|	-4623.2|	-98.2|	-23.4|	-20.6|	9.2|	-839.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 7- 1|si| 4|Sx	Si	-120.6|	0.0|	120.6|
| 5- 1|si| 6| Tz		88.8|	47.1|	120.6|
| 5- 1|si| 9| TySi		-2.3|	0.0|	190.2|

PROGR.

280.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-38097.5|	-465.0|	-23.4|	-20.6|	11.7|	-1073.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 4|Sx	Si	-773.2|	0.0|	773.2|
| 5- 1|si| 6| Tz		731.8|	57.0|	738.4|
| 5- 1|si| 9| Ty		-5.3|	0.0|	241.1|

VERIFICA STABILITA` :

|LO = 280.0|
 Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 6- 1 - Nodo 2 - Asse Y
 Ned = -156.0|Mzeq = 35631.5|Myeq = 176.4|Ss = -762.0 (0.291)

P_IPE120_S009 (9) stato limite ultimo - ASTA (522- 523) 2064
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-38012.9|	-595.5|	-3.3|	-63.2|	-11.5|	956.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 4|Sx	Si	-789.9|	0.0|	789.9|
| 5- 1|si| 6| Tz		731.3|	-42.5|	735.0|
| 5- 1|si| 9| Ty		-9.5|	0.0|	-208.9|

PROGR.

35.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	-7870.0|	-368.6|	-2.9|	-67.7|	-14.1|	647.7|
| 5- 1|	-8626.1|	-237.7|	-3.3|	-63.2|	-9.0|	722.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 7- 1|si| 4|Sx	Si	-196.0|	0.0|	196.0|
| 5- 1|si| 6| Tz		165.7|	-32.5|	175.0|
| 5- 1|si| 9| TySi		-6.7|	0.0|	-158.0|

PROGR.

70.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	13065.1|	1.7|	-3.4|	-169.2|	-1.0|	485.1|
| 5- 1|	12557.2|	32.0|	-3.3|	-63.2|	-6.4|	488.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 2|Sx	Si	-259.2|	0.0|	259.2|
| 5- 1|si| 6| Tz		-242.5|	-22.6|	245.6|
| 5- 1|si| 9| Ty		-4.5|	0.0|	-107.1|

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 6|	Si|	-259.0|	-21.6|	0.0|	261.7|				

PROGR. 105.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	25537.1|	213.5|	-3.3|	-63.2|	-3.9|	253.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-510.7|	0.0|	0.0|	510.7|				
| 5- 1|si| 6|	Tz |	-493.1|	-12.6|	0.0|	493.6|				
| 5- 1|si| 9|	Ty |	-3.1|	0.0|	-56.2|	97.4|				

PROGR. 140.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	30313.5|	306.7|	-3.3|	-63.2|	-1.4|	19.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-611.5|	0.0|	0.0|	611.5|				
| 5- 1|si| 6|	Tz |	-586.2|	-2.6|	0.0|	586.2|				
| 5- 1|si| 9|	Ty |	-2.3|	0.0|	-5.3|	9.5|				

PROGR. 175.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	26886.4|	311.8|	-3.3|	-63.2|	1.1|	-215.1|			
| 6- 1|	27086.7|	110.6|	-3.4|	-176.7|	-1.0|	-218.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 2|Sx	Si|	-547.5|	0.0|	0.0|	547.5|				
| 6- 1|si| 5|	Tz |	-520.1|	-10.7|	0.0|	520.4|				
| 6- 1|si| 9|	Ty |	-12.5|	0.0|	48.5|	84.9|				

PROGR. 210.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	15353.6|	146.9|	-3.4|	-179.3|	-1.0|	-452.4|			
| 5- 1|	15255.9|	228.6|	-3.3|	-63.2|	3.6|	-449.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 2|Sx	Si|	-319.8|	0.0|	0.0|	319.8|				
| 5- 1|si| 6|	Tz |	-299.8|	20.5|	0.0|	301.9|				
| 6- 1|si| 9|	Ty |	-12.4|	0.0|	99.4|	172.6|				

PROGR. 245.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	-4583.0|	183.2|	-3.4|	-181.8|	-1.0|	-686.8|			
| 5- 1|	-4578.1|	57.3|	-3.3|	-63.2|	6.2|	-683.9|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 3|Sx	Si|	-121.3|	0.0|	0.0|	121.3|				
| 5- 1|si| 6|	Tz |	79.6|	30.5|	0.0|	95.5|				
| 6- 1|si| 9|	Ty |	-12.3|	0.0|	150.3|	260.7|				
| 6- 1|si|10|	Si|	-15.2|	0.0|	150.3|	260.8|				

PROGR. 280.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	-32723.0|	219.5|	-3.4|	-184.3|	-1.0|	-921.2|			
| 5- 1|	-32615.6|	-202.2|	-3.3|	-63.2|	8.7|	-918.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 3|Sx	Si|	-655.9|	0.0|	0.0|	655.9|				
| 5- 1|si| 6|	Tz |	616.5|	40.5|	0.0|	620.5|				
| 6- 1|si| 9|	Ty |	-12.2|	0.0|	201.2|	348.7|				

PROGR. 280.									
VERIFICA STABILITA` :									
|L0 = 280. |									
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|									
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|									
Caso 6- 1 - Nodo 3 - Asse Y									
Ned = -184.3|Mzeq = -27974.9|Myeq = 164.6|Ss = -628.7 (0.240)									
P_IPE120_S009 (9) stato limite ultimo - ASTA (523- 524) 2065									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	-32611.9|	-826.4|	1.0|	-97.1|	-12.9|	891.1|			
| 6- 1|	-32718.2|	-332.2|	0.9|	-183.9|	-2.7|	892.9|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 4|Sx	Si|	-717.4|	0.0|	0.0|	717.4|				
| 5- 1|si| 6|	Tz |	634.7|	-38.9|	0.0|	638.2|				
| 6- 1|si| 9|	Ty |	-16.5|	0.0|	-194.2|	336.8|				

PROGR. 35.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 5- 1|	-5523.7|	-418.7|	1.0|	-97.1|	-10.4|	656.8|			
| 6- 1|	-5569.0|	-239.2|	0.9|	-186.4|	-2.7|	658.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 5- 1|si| 4|Sx	Si|	-159.8|	0.0|	0.0|	159.8|				
| 5- 1|si| 6|	Tz |	110.7|	-29.0|	0.0|	121.5|				
| 6- 1|si| 9|	TySi|	-16.0|	0.0|	-143.3|	248.7|				

PROGR. 70.									
SOLLECITAZIONI :									
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |			
| 6- 1|	13376.8|	-146.2|	0.9|	-188.9|	-2.7|	424.1|			
| 5- 1|	13361.0|	-99.2|	1.0|	-97.1|	-7.9|	422.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |				
| 6- 1|si| 1|Sx	Si|	-283.2|	0.0|	0.0|	283.2|				
| 5- 1|si| 6|	Tz |	-255.8|	-19.0|	0.0|	257.9|				

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 9| Ty | -15.4| 0.0| -92.4| 160.8|
----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	24042.3	132.0	1.0	-97.1	-5.3	188.0
6- 1	24119.1	-53.3	0.9	-191.4	-2.7	189.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-475.6	0.0	0.0	475.6
5- 1	si	6	Tz	-464.8	-9.0	0.0	465.0	
6- 1	si	9	Ty	-14.9	0.0	-41.5	73.4	

----- PROGR. 140.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 26520.1| 275.1| 1.0| -97.1| -2.8| -46.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-538.9	0.0	0.0	538.9
5- 1	si	5	Tz	-497.9	-2.8	0.0	497.9	
5- 1	si	9	Ty	-5.1	0.0	10.4	18.7	

----- PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	20794.4	329.9	1.0	-97.1	-0.3	-280.8
6- 1	20993.3	132.7	0.9	-196.5	-2.7	-279.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	-437.3	0.0	0.0	437.3
6- 1	si	5	Tz	-406.0	-12.3	0.0	406.6	
5- 1	si	9	Ty	-4.7	0.0	61.3	106.3	

----- PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	7125.2	225.7	0.9	-199.0	-2.7	-513.4
5- 1	6865.3	296.6	1.0	-97.1	2.2	-515.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-175.4	0.0	0.0	175.4
5- 1	si	6	Tz	-146.6	21.8	0.0	151.4	
5- 1	si	9	Ty	-5.0	0.0	112.2	194.4	
6- 1	si	12	Si	-121.3	0.0	94.2	203.4	

----- PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-14946.4	318.7	0.9	-201.5	-2.7	-747.8
5- 1	-15267.3	175.1	1.0	-97.1	4.7	-749.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-333.7	0.0	0.0	333.7
5- 1	si	6	Tz	274.5	31.8	0.0	280.0	
5- 1	si	9	Ty	-5.9	0.0	163.1	282.6	
6- 1	si	14	Si	-237.0	0.0	137.1	335.5	

----- PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-45221.4	411.6	0.9	-204.0	-2.7	-982.2
5- 1	-45603.4	-34.7	1.0	-97.1	7.3	-983.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-915.1	0.0	0.0	915.1
5- 1	si	6	Tz	853.1	41.8	0.0	856.2	
5- 1	si	9	Ty	-7.6	0.0	214.0	370.8	

VERIFICA STABILITA` :

|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -204.0|Mzeq = -33916.0|Myeq = 308.7|Ss = -766.9 (0.293)

P_IPE120_S009 (9) stato limite ultimo - ASTA (524- 311) 2066
----- PROGR. 0.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -45711.4| -797.9| 0.0| -103.4| -12.9| 1100.8|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	-961.4	0.0	0.0	961.4
5- 1	si	6	Tz	880.1	-47.0	0.0	883.8	
5- 1	si	9	Ty	-14.2	0.0	-239.1	414.3	

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-10341.2	-594.7	0.0	-105.8	-17.1	775.9
5- 1	-11285.3	-389.5	0.0	-103.4	-10.4	866.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	4	Sx	Si	-271.6	0.0	0.0	271.6
5- 1	si	6	Tz	217.8	-37.0	0.0	227.0	
5- 1	si	9	Ty	-10.9	0.0	-188.2	326.1	
5- 1	si	13	Si	-176.4	0.0	-158.5	326.3	

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	15226.6	-54.1	0.0	-180.4	-0.3	630.6
5- 1	14937.3	-69.3	0.0	-103.4	-7.9	632.0

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 1|Sx	|	-306.8|	0.0|	0.0|	306.8|
| 5- 1|si| 6| Tz	|	-287.0|	-27.1|	0.0|	290.8|
| 5- 1|si| 9| Ty	|	-8.4|	0.0|	-137.3|	237.9|
| 6- 1|si|11| Si	|	-237.4|	0.0|	-115.4|	310.3|

PROGR. 105.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	32956.4|	|	162.8|	|	0.0|	|	-103.4|	|	-5.4|	|	397.6|	|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|Sx	Si	|	-647.6|	|	0.0|	|	0.0|	|	647.6|
| 5- 1|si| 6| Tz	|	-634.2|	-17.1|	|	0.0|	|	0.0|	|	634.9|
| 5- 1|si| 9| Ty	|	-6.5|	0.0|	|	-86.4|	|	149.7|	|	

PROGR. 140.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	42772.0|	|	306.6|	|	0.0|	|	-103.4|	|	-2.8|	|	163.3|	|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|Sx	Si	|	-849.2|	|	0.0|	|	0.0|	|	849.2|
| 5- 1|si| 6| Tz	|	-824.0|	-7.1|	|	0.0|	|	0.0|	|	824.1|
| 5- 1|si| 9| Ty	|	-5.4|	0.0|	|	-35.5|	|	61.6|	|	

PROGR. 175.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	44384.2|	|	362.3|	|	0.0|	|	-103.4|	|	-0.3|	|	-71.1|	|
| 6- 1|	44528.9|	|	-27.0|	|	0.0|	|	-187.9|	|	-0.3|	|	-72.5|	|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|Sx	Si	|	-886.0|	|	0.0|	|	0.0|	|	886.0|
| 6- 1|si| 5| Tz	|	-854.2|	-3.0|	|	0.0|	|	0.0|	|	854.2|
| 6- 1|si| 9| Ty	|	-14.4|	0.0|	|	15.7|	|	30.8|	|	

PROGR. 210.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	37792.9|	|	329.7|	|	0.0|	|	-103.4|	|	2.2|	|	-305.5|	|
| 6- 1|	37889.4|	|	-18.0|	|	0.0|	|	-190.5|	|	-0.3|	|	-306.9|	|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|Sx	Si	|	-758.1|	|	0.0|	|	0.0|	|	758.1|
| 5- 1|si| 6| Tz	|	-730.9|	12.8|	|	0.0|	|	0.0|	|	731.3|
| 6- 1|si| 9| Ty	|	-14.5|	0.0|	|	66.6|	|	116.4|	|	

PROGR. 245.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	22998.2|	|	209.0|	|	0.0|	|	-103.4|	|	4.7|	|	-539.9|	|
| 6- 1|	23046.4|	|	-9.0|	|	0.0|	|	-193.0|	|	-0.3|	|	-541.3|	|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|Sx	Si	|	-465.3|	|	0.0|	|	0.0|	|	465.3|
| 5- 1|si| 6| Tz	|	-448.1|	22.8|	|	0.0|	|	0.0|	|	449.9|
| 6- 1|si| 9| Ty	|	-14.7|	0.0|	|	117.6|	|	204.1|	|	

PROGR. 280.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 8- 1|	0.0|	|	0.0|	|	0.0|	|	-259.4|	|	-0.2|	|	-693.7|	|
| 5- 1|	0.0|	|	0.0|	|	0.0|	|	-103.4|	|	7.2|	|	-774.3|	|
| 6- 1|	0.0|	|	0.0|	|	0.0|	|	-195.5|	|	-0.3|	|	-775.7|	|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 8- 1|si| 1|Sx	|	-19.6|	0.0|	|	0.0|	|	19.6|	|	
| 5- 1|si| 6| Tz	|	-7.8|	32.7|	|	0.0|	|	0.0|	|	57.3|
| 6- 1|si| 9| TySi	|	-14.8|	0.0|	|	168.5|	|	292.1|	|	

VERIFICA STABILITA' :

L0 = 280. |
 Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 5- 1 - Nodo 4 - Asse Y
 Ned = -103.4|Mzeq = -34283.5|Myeq = -598.5|Ss = -762.4 (0.291)

P_IPE120_S009 (9) stato limite ultimo - ASTA (311- 576) 2067
 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 8- 1|	0.0|	|	0.0|	|	-13.2|	|	-230.9|	|	-0.8|	|	694.6|	|
| 5- 1|	0.0|	|	0.0|	|	-14.2|	|	-132.7|	|	-8.6|	|	774.1|	|
| 6- 1|	0.0|	|	0.0|	|	-14.6|	|	-192.7|	|	-0.9|	|	775.9|	|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 8- 1|si| 1|Sx	|	-17.4|	0.0|	|	0.0|	|	17.4|	|
| 5- 1|si| 6| Tz	|	-10.0|	-39.8|	|	0.0|	|	69.7|	|
| 6- 1|si| 9| TySi	|	-14.6|	0.0|	|	-173.4|	|	300.7|	|

PROGR. 35.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	22992.0|	|	256.3|	|	-14.2|	|	-132.7|	|	-6.1|	|	539.7|	|
| 6- 1|	23055.2|	|	33.0|	|	-14.6|	|	-195.2|	|	-0.9|	|	541.5|	|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|	
| 5- 1|si| 2|Sx	Si	|	-472.9|	|	0.0|	|	0.0|	|	472.9|
| 5- 1|si| 6| Tz	|	-451.8|	-29.9|	|	0.0|	|	0.0|	|	454.7|
| 6- 1|si| 9| Ty	|	-14.5|	0.0|	|	-122.5|	|	212.7|	|	

PROGR. 70.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	37780.5|	|	424.3|	|	-14.2|	|	-132.7|	|	-3.5|	|	305.3|	|
6- 1	37906.9		66.0		-14.6		-197.7		-0.9		307.1	

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -771.0| 0.0| 0.0| 771.0|
| 5- 1|si| 6| Tz | -736.0| -19.9| 0.0| 736.9|
| 6- 1|si| 9| Ty | -14.4| 0.0| -71.6| 124.9|
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 44365.5| 504.2| -14.2| -132.7| -1.0| 71.0|
| 6- 1| 44555.2| 99.1| -14.6| -200.2| -0.9| 72.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -904.3| 0.0| 0.0| 904.3|
| 6- 1|si| 6| Tz | -858.0| -10.2| 0.0| 858.2|
| 6- 1|si| 9| Ty | -14.3| 0.0| -20.7| 38.6|
-----
PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 42747.1| 495.9| -14.2| -132.7| 1.5| -163.4|
| 6- 1| 43000.0| 132.1| -14.6| -202.7| -0.9| -161.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -872.9| 0.0| 0.0| 872.9|
| 6- 1|si| 5| Tz | -821.2| -13.8| 0.0| 821.5|
| 5- 1|si| 9| Ty | -6.1| 0.0| 40.3| 70.0|
-----
PROGR. 175.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 32925.3| 399.3| -14.2| -132.7| 4.0| -397.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -676.6| 0.0| 0.0| 676.6|
| 5- 1|si| 6| Tz | -643.7| 23.7| 0.0| 645.0|
| 5- 1|si| 9| Ty | -6.9| 0.0| 91.2| 158.1|
-----
PROGR. 210.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 15279.2| 198.1| -14.6| -207.8| -0.9| -630.4|
| 5- 1| 14899.9| 214.6| -14.2| -132.7| 6.5| -632.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 2|Sx | Si | -326.5| 0.0| 0.0| 326.5|
| 5- 1|si| 6| Tz | -297.9| 33.7| 0.0| 303.6|
| 5- 1|si| 9| Ty | -8.3| 0.0| 142.1| 246.2|
-----
PROGR. 245.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -10886.4| 231.2| -14.6| -210.3| -0.9| -864.8|
| 5- 1| -11328.9| -58.3| -14.2| -132.7| 9.1| -866.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | Si | -247.8| 0.0| 0.0| 247.8|
| 5- 1|si| 6| Tz | 205.4| 43.7| 0.0| 218.9|
| 5- 1|si| 9| TySi| -10.5| 0.0| 193.0| 334.4|
-----
PROGR. 280.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -45761.1| -419.5| -14.2| -132.7| 11.6| -1101.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -920.8| 0.0| 0.0| 920.8|
| 5- 1|si| 6| Tz | 866.2| 53.6| 0.0| 871.2|
| 5- 1|si| 9| Ty | -13.4| 0.0| 243.9| 422.6|
-----
-----
VERIFICA STABILITA' :
|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 3 - Asse Y
Ned = -212.8|Mzeq = -33941.6|Myeq = 198.1|Ss = -758.2 ( 0.289)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 576- 577) 2068
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -45653.2| -740.8| -0.7| -174.0| -12.3| 975.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -959.1| 0.0| 0.0| 959.1|
| 5- 1|si| 6| Tz | 871.7| -42.2| 0.0| 874.8|
| 5- 1|si| 9| Ty | -19.0| 0.0| -212.2| 368.0|
-----
PROGR. 35.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -15598.3| -355.4| -0.7| -174.0| -9.8| 741.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -348.2| 0.0| 0.0| 348.2|
| 5- 1|si| 6| Tz | 292.6| -32.2| 0.0| 297.9|
| 5- 1|si| 9| Ty | -16.0| 0.0| -161.3| 279.8|
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 6589.3| -93.5| -0.9| -225.3| -1.9| 504.8|
| 5- 1| 6253.2| -58.2| -0.7| -174.0| -7.2| 507.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | | -152.0| 0.0| 0.0| 152.0|

```

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6| Tz | -129.0| -22.2| 0.0| 134.7|
| 5- 1|si| 9| Ty | -13.6| 0.0| -110.4| 191.7|
| 6- 1|si|11| Si | -114.4| 0.0| -92.6| 197.1|

PROGR.

105.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 19901.2| 150.7| -0.7| -174.0| -4.7| 272.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | Si | -405.6| 0.0| 0.0| 405.6|
| 5- 1|si| 6| Tz | -393.2| -12.2| 0.0| 393.7|
| 5- 1|si| 9| Ty | -11.9| 0.0| -59.5| 103.7|

PROGR.

140.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 25345.8| 271.5| -0.7| -174.0| -2.2| 38.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | Si | -522.1| 0.0| 0.0| 522.1|
| 5- 1|si| 6| Tz | -499.8| -2.3| 0.0| 499.8|
| 5- 1|si| 9| Ty | -11.0| 0.0| -8.6| 18.5|

PROGR.

175.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22586.8| 304.1| -0.7| -174.0| 0.3| -196.0|
| 6- 1| 22675.7| 101.3| -0.9| -232.9| -1.9| -198.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | Si | -473.9| 0.0| 0.0| 473.9|
| 6- 1|si| 5| Tz | -441.5| -8.8| 0.0| 441.8|
| 6- 1|si| 9| Ty | -16.8| 0.0| 43.4| 77.0|

PROGR.

210.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 11624.5| 248.5| -0.7| -174.0| 2.8| -430.4|
| 6- 1| 11630.9| 166.2| -0.9| -235.4| -1.9| -432.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | Si | -260.9| 0.0| 0.0| 260.9|
| 6- 1|si| 5| Tz | -231.4| -18.4| 0.0| 233.6|
| 6- 1|si| 9| Ty | -16.5| 0.0| 94.3| 164.1|

PROGR.

245.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -7617.4| 231.1| -0.9| -237.9| -1.9| -667.1|
| 5- 1| -7541.4| 104.7| -0.7| -174.0| 5.4| -664.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | Si | -188.2| 0.0| 0.0| 188.2|
| 5- 1|si| 6| Tz | 125.5| 28.3| 0.0| 134.7|
| 6- 1|si| 9| Ty | -16.1| 0.0| 145.2| 252.0|
| 6- 1|si|10| Si | -19.8| 0.0| 145.2| 252.3|

PROGR.

280.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -35069.1| 296.1| -0.9| -240.5| -1.9| -901.5|
| 5- 1| -34910.7| -127.3| -0.7| -174.0| 7.9| -899.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | Si | -713.2| 0.0| 0.0| 713.2|
| 5- 1|si| 6| Tz | 648.9| 38.3| 0.0| 652.3|
| 6- 1|si| 9| Ty | -15.8| 0.0| 196.1| 340.0|

VERIFICA STABILITA` :

|L0 = 280.1
 Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 5- 1 - Nodo 4 - Asse Y
 Ned = -174.0|Mzeq = -34239.9|Myeq = -555.6|Ss = -788.7 (0.301)

P_IPE120_S009 (9) stato limite ultimo - ASTA (577- 578) 2069
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -34907.1| -858.6| 0.5| -210.7| -13.1| 902.2|
| 6- 1| -35064.4| -370.3| 0.4| -242.2| -2.8| 904.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx | Si | -773.0| 0.0| 0.0| 773.0|
| 5- 1|si| 6| Tz | 670.4| -39.2| 0.0| 673.8|
| 6- 1|si| 9| Ty | -21.2| 0.0| -196.5| 341.0|

PROGR.

35.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -7431.2| -445.4| 0.5| -210.7| -10.5| 667.8|
| 6- 1| -7518.5| -270.7| 0.4| -244.7| -2.8| 669.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx | Si | -207.4| 0.0| 0.0| 207.4|
| 5- 1|si| 6| Tz | 138.9| -29.2| 0.0| 147.8|
| 6- 1|si| 9| Ty | -20.6| 0.0| -145.6| 253.1|

PROGR.

70.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 11824.1| -171.1| 0.4| -247.3| -2.8| 435.5|
| 5- 1| 11841.4| -120.4| 0.5| -210.7| -8.0| 433.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 1|Sx	Si	-261.3|	0.0|	0.0|	261.3|
| 5- 1|si| 6| Tz		-235.0|	-19.3|	0.0|	237.4|
| 6- 1|si| 9| Ty		-20.0|	0.0|	-94.7|	165.3|

PROGR.

105.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	22910.4|	116.3|	0.5|	-210.7|	-5.5|	199.1|
| 6- 1|	22963.1|	-71.5|	0.4|	-249.8|	-2.8|	201.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-461.1|	0.0|	461.1|	
| 5- 1|si| 6| Tz		-451.5|	-9.3|	0.0|	451.8|
| 6- 1|si| 9| Ty		-19.4|	0.0|	-43.8|	78.3|

PROGR.

140.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	25776.0|	264.9|	0.5|	-210.7|	-3.0|	-35.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-532.3|	0.0|	532.3|	
| 5- 1|si| 5| Tz		-492.8|	-2.2|	0.0|	492.8|
| 5- 1|si| 9| Ty		-13.8|	0.0|	7.8|	19.4|

PROGR.

175.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	20438.1|	325.3|	0.5|	-210.7|	-0.5|	-269.7|
| 6- 1|	20630.8|	127.7|	0.4|	-254.8|	-2.8|	-267.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 2|Sx	Si	-438.7|	0.0|	438.7|	
| 6- 1|si| 5| Tz		-403.8|	-11.6|	0.0|	404.3|
| 5- 1|si| 9| Ty		-13.3|	0.0|	58.7|	102.6|

PROGR.

210.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	7159.5|	227.3|	0.4|	-257.3|	-2.8|	-502.1|
| 5- 1|	6896.8|	297.4|	0.5|	-210.7|	2.1|	-504.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 2|Sx		-180.6|	0.0|	180.6|	
| 6- 1|si| 5| Tz		-146.8|	-21.1|	0.0|	151.3|
| 5- 1|si| 9| Ty		-13.6|	0.0|	109.6|	190.4|
| 6- 1|si| 12| Si		-126.3|	0.0|	92.0|	203.3|

PROGR.

245.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	-14515.3|	326.9|	0.4|	-259.9|	-2.8|	-736.5|
| 5- 1|	-14848.0|	181.4|	0.5|	-210.7|	4.6|	-738.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx		-330.9|	0.0|	330.9|	
| 5- 1|si| 6| Tz		257.8|	31.1|	0.0|	263.4|
| 5- 1|si| 9| Ty		-14.5|	0.0|	160.6|	278.5|
| 5- 1|si| 14| Si		-235.1|	0.0|	135.3|	331.9|

PROGR.

280.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	-44393.6|	426.5|	0.4|	-262.4|	-2.8|	-970.9|
| 5- 1|	-44796.3|	-22.8|	0.5|	-210.7|	7.1|	-972.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|si| 3|Sx	Si	-905.7|	0.0|	905.7|	
| 5- 1|si| 6| Tz		829.0|	41.1|	0.0|	832.0|
| 5- 1|si| 9| Ty		-16.1|	0.0|	211.5|	366.6|

VERIFICA STABILITA` :

|L0 = 280. |
 Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 5- 1 - Nodo 4 - Asse Y
 Ned = -210.7|Mzeq = -33597.2|Myeq = -643.9|Ss = -803.8 (0.307)

P_IPE120_S009 (9) stato limite ultimo - ASTA (578- 329) 2070

 PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-44900.0|	-799.3|	0.0|	-216.6|	-12.9|	1097.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	-954.9|	0.0|	954.9|	
| 5- 1|si| 6| Tz		856.3|	-46.9|	0.0|	860.1|
| 5- 1|si| 9| Ty		-22.7|	0.0|	-238.4|	413.6|

PROGR.

35.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	-9722.8|	-590.6|	0.0|	-205.9|	-17.1|	773.3|
| 5- 1|	-10575.4|	-390.7|	0.0|	-216.6|	-10.4|	863.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 7- 1|si| 4|Sx		-267.1|	0.0|	267.1|	
| 5- 1|si| 6| Tz		195.9|	-36.9|	0.0|	206.1|
| 5- 1|si| 9| TySi		-19.5|	0.0|	-187.5|	325.4|

PROGR.

70.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	15850.9|	-56.4|	0.0|	-236.2|	-0.3|	627.7|
| 5- 1|	15545.8|	-70.3|	0.0|	-216.6|	-7.9|	629.1|

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si|	1	Sx	Si	-323.1	0.0	323.1
5-1	|si|	6	Tz		-307.0	-26.9	310.5
5-1	|si|	9	Ty		-16.9	0.0	237.3

PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	33463.5	161.9	0.0	-216.6	-5.4	394.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-665.6	0.0	665.6
5-1	|si|	6	Tz		-652.3	-17.0	653.0
5-1	|si|	9	Ty		-15.1	0.0	149.3

PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	43177.7	305.9	0.0	-216.6	-2.9	160.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-865.4	0.0	865.4
5-1	|si|	6	Tz		-840.1	-7.0	840.2
5-1	|si|	9	Ty		-13.9	0.0	61.9

PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	44688.5	361.7	0.0	-216.6	-0.3	-74.0
6-1	44841.0	-28.2	0.0	-243.8	-0.3	-75.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-900.3	0.0	900.3
6-1	|si|	5	Tz		-864.3	-3.1	864.3
6-1	|si|	9	Ty		-18.6	0.0	34.0

PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	37995.8	329.4	0.0	-216.6	2.2	-308.4
6-1	38097.5	-18.8	0.0	-246.3	-0.3	-309.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-770.4	0.0	770.4
5-1	|si|	6	Tz		-743.3	12.9	743.6
6-1	|si|	9	Ty		-18.8	0.0	67.3

PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	23099.6	208.8	0.0	-216.6	4.7	-542.8
6-1	23150.5	-9.4	0.0	-248.8	-0.3	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-475.8	0.0	475.8
5-1	|si|	6	Tz		-458.6	22.9	460.3
6-1	|si|	9	Ty		-18.9	0.0	118.2

PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	0.0	0.0	0.0	-263.8	-0.2	-696.4
5-1	0.0	0.0	0.0	-216.6	7.2	-777.2
6-1	0.0	0.0	0.0	-251.3	-0.3	-778.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	|si|	4	Sx		-19.9	0.0	19.9
5-1	|si|	6	Tz		-16.4	32.9	59.2
6-1	|si|	9	TySi		-19.0	0.0	169.1

293.5

VERIFICA STABILITA' :

L0 = 280.0
 Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr = 84177.2|alfa(a) = 0.2100|ki = 0.8668|
 Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr = 7316.3|alfa(b) = 0.3400|ki = 0.1722|
 Caso 5-1 - Nodo 4 - Asse Y
 Ned = -216.6|Mzeq = -33675.0|Myeq = -599.5|Ss = -802.7 (0.306)

P_IPE120_S009 (9) stato limite ultimo - ASTA (329- 628) 2071
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	0.0	0.0	-14.3	-225.2	-8.9	809.9
6-1	0.0	0.0	-14.8	-224.2	-1.0	811.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	1	Sx		-17.0	0.0	17.0
5-1	|si|	6	Tz		-17.0	-41.4	73.7
6-1	|si|	9	TySi		-16.9	0.0	-181.2

PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	24957.2	275.0	-14.3	-225.2	-6.3	567.1
6-1	25007.2	36.2	-14.8	-226.8	-1.0	568.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si|	2	Sx	Si	-519.1	0.0	519.1
5-1	|si|	6	Tz		-496.4	-31.1	499.4
6-1	|si|	9	Ty		-16.9	0.0	-128.4

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	41114.5	455.4	-14.3	-225.2	-3.7	324.3
6-1	41214.6	72.3	-14.8	-229.5	-1.0	325.7

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	2	Sx	Si	-844.4	0.0	844.4
5-1	|si	6	Tz		-806.9	-20.8	807.7
6-1	|si	9	Ty		-16.8	0.0	-75.7

PROGR. 109.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	48471.9	541.2	-14.3	-225.2	-1.1	81.6
6-1	48622.0	108.5	-14.8	-232.1	-1.0	83.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	2	Sx	Si	-993.0	0.0	993.0
6-1	|si	6	Tz		-937.3	-10.7	937.5
6-1	|si	9	Ty		-16.7	0.0	-23.0

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	47029.5	532.4	-14.3	-225.2	1.5	-161.2
6-1	47229.6	144.6	-14.8	-234.7	-1.0	-159.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	2	Sx	Si	-964.8	0.0	964.8
6-1	|si	5	Tz		-902.9	-13.8	903.2
5-1	|si	9	Ty		-12.8	0.0	39.8

PROGR. 181.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	36787.1	428.9	-14.3	-225.2	4.2	-403.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	2	Sx	Si	-759.8	0.0	759.8
5-1	|si	6	Tz		-724.5	24.1	725.7
5-1	|si	9	Ty		-13.6	0.0	92.6

PROGR. 218.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18045.1	217.0	-14.8	-239.9	-1.0	-645.3
5-1	17744.9	230.9	-14.3	-225.2	6.8	-646.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	2	Sx	Si	-383.2	0.0	383.2
5-1	|si	6	Tz		-359.1	34.4	364.0
5-1	|si	9	Ty		-15.2	0.0	145.3

PROGR. 254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-9747.0	253.1	-14.8	-242.5	-1.0	-888.1
5-1	-10097.3	-61.8	-14.3	-225.2	9.4	-889.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	3	Sx	Si	-231.3	0.0	231.3
5-1	|si	6	Tz		175.3	44.7	191.7
5-1	|si	9	Ty		-17.5	0.0	198.0

PROGR. 290.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-46739.3	-449.1	-14.3	-225.2	12.0	-1132.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	-949.7	0.0	949.7
5-1	|si	6	Tz		878.6	55.1	883.8
5-1	|si	9	Ty		-20.6	0.0	250.7

VERIFICA STABILITA` :

$L_0 = 290.1$
 $Z |L_c = 290. |R_o = 4.90 |l_m = 59.1 |N_{cr} = 78472.0 |alfa(a) = 0.2100 |k_i = 0.8565 |$
 $Y |L_c = 290. |R_o = 1.45 |l_m = 200.6 |N_{cr} = 6820.4 |alfa(b) = 0.3400 |k_i = 0.1615 |$
 Caso 5-1 - Nodo 2 - Asse Y
 $N_{ed} = -225.2 |M_{z_{eq}} = 36353.9 |M_{y_{eq}} = 405.9 |S_s = -840.9 (0.321)$

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 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-46581.2	-795.9	-0.1	-221.2	-12.6	964.8
6-1	-46186.6	-247.2	-0.3	-203.3	-1.9	964.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	-986.5	0.0	986.5
5-1	|si	6	Tz		887.5	-41.5	890.4
6-1	|si	9	Ty		-17.3	0.0	-209.6

PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-16008.0	-386.3	-0.1	-221.2	-10.0	722.0
6-1	-15621.8	-179.2	-0.3	-205.9	-1.9	721.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	-363.0	0.0	363.0
5-1	|si	6	Tz		297.8	-31.1	302.6
6-1	|si	9	Ty		-17.0	0.0	-156.9

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	6143.1	-111.2	-0.3	-208.5	-1.9	479.0
5-1	5765.3	-71.2	-0.1	-221.2	-7.4	479.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

	6-	1 si	1 Sx		-144.4	0.0	0.0	144.4						
	5-	1 si	6 Tz		-123.0	-20.8	0.0	128.2						
|	6-	1|si|	9| Ty	|	-16.6|	0.0|	-104.1|	181.1|						
|	6-	1|si|	11| Si	|	-106.7|	0.0|	-87.7|	185.7|						

PROGR. 109.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	18738.7|	|	149.2|	|	-0.1|	|	-221.2|	|	-4.8|	|	236.5|	|
|	6-	1|	19108.1|	|	-43.2|	|	-0.3|	|	-211.1|	|	-1.9|	|	236.3|	|

TENSIONI (Sz= 0.00) :														
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	5-	1|si|	2|Sx	|	Si	|	-387.1|	|	0.0|	|	0.0|	|	387.1|	|
|	5-	1|si|	6| Tz	|		|	-374.8|	|	-10.5|	|	0.0|	|	375.2|	|
|	6-	1|si|	9| Ty	|		|	-16.3|	|	0.0|	|	-51.4|	|	90.5|	|

PROGR. 145.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	22912.3|	|	275.1|	|	-0.1|	|	-221.2|	|	-2.2|	|	-6.2|	|
|	6-	1|	23273.2|	|	24.9|	|	-0.3|	|	-213.7|	|	-1.9|	|	-6.5|	|

TENSIONI (Sz= 0.00) :														
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	5-	1|si|	2|Sx	|	Si	|	-480.3|	|	0.0|	|	0.0|	|	480.3|	|
|	6-	1|si|	5| Tz	|		|	-453.9|	|	-0.7|	|	0.0|	|	453.9|	|
|	6-	1|si|	9| Ty	|		|	-15.9|	|	0.0|	|	1.5|	|	16.2|	|

PROGR. 181.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	18285.9|	|	306.3|	|	-0.1|	|	-221.2|	|	0.4|	|	-249.0|	|
|	6-	1|	18638.4|	|	92.9|	|	-0.3|	|	-216.3|	|	-1.9|	|	-249.2|	|

TENSIONI (Sz= 0.00) :														
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	5-	1|si|	2|Sx	|	Si	|	-396.7|	|	0.0|	|	0.0|	|	396.7|	|
|	6-	1|si|	5| Tz	|		|	-364.5|	|	-10.6|	|	0.0|	|	364.9|	|
|	6-	1|si|	9| Ty	|		|	-15.6|	|	0.0|	|	54.2|	|	95.2|	|

PROGR. 218.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	4859.7|	|	242.9|	|	-0.1|	|	-221.2|	|	3.1|	|	-491.8|	|
|	6-	1|	5203.7|	|	160.9|	|	-0.3|	|	-218.9|	|	-1.9|	|	-492.0|	|

TENSIONI (Sz= 0.00) :														
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	5-	1|si|	2|Sx	|	Si	|	-136.4|	|	0.0|	|	0.0|	|	136.4|	|
|	5-	1|si|	6| Tz	|		|	-116.4|	|	20.6|	|	0.0|	|	121.7|	|
|	6-	1|si|	9| Ty	|		|	-15.3|	|	0.0|	|	106.9|	|	185.9|	|
|	6-	1|si|	10| Si	|		|	-17.8|	|	0.0|	|	106.9|	|	186.1|	|

PROGR. 254.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	6-	1|	-17030.8|	|	228.9|	|	-0.3|	|	-221.5|	|	-1.9|	|	-734.7|	|
|	5-	1|	-17366.4|	|	84.9|	|	-0.1|	|	-221.2|	|	5.7|	|	-734.5|	|

TENSIONI (Sz= 0.00) :														
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	6-	1|si|	3|Sx	|	Si	|	-364.1|	|	0.0|	|	0.0|	|	364.1|	|
|	5-	1|si|	6| Tz	|		|	307.7|	|	30.9|	|	0.0|	|	312.3|	|
|	6-	1|si|	9| Ty	|		|	-14.9|	|	0.0|	|	159.7|	|	277.0|	|

PROGR. 290.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	6-	1|	-48065.3|	|	296.9|	|	-0.3|	|	-224.1|	|	-1.9|	|	-977.5|	|
|	5-	1|	-48392.5|	|	-167.8|	|	-0.1|	|	-221.2|	|	8.3|	|	-977.3|	|

TENSIONI (Sz= 0.00) :														
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	6-	1|si|	3|Sx	|	Si	|	-957.0|	|	0.0|	|	0.0|	|	957.0|	|
|	5-	1|si|	6| Tz	|		|	900.7|	|	41.2|	|	0.0|	|	903.6|	|
|	6-	1|si|	9| Ty	|		|	-14.6|	|	0.0|	|	212.4|	|	368.2|	|

PROGR. 290.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5-	1|	-48541.5|	|	-793.3|	|	0.0|	|	-218.3|	|	-13.2|	|	1138.4|	|

TENSIONI (Sz= 0.00) :														
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	5-	1|si|	4|Sx	|	Si	|	-1022.9|	|	0.0|	|	0.0|	|	1022.9|	|
|	5-	1|si|	6| Tz	|		|	924.6|	|	-48.6|	|	0.0|	|	928.4|	|
|	5-	1|si|	9| Ty	|		|	-22.8|	|	0.0|	|	-247.2|	|	428.8|	|

PROGR. 36.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	7-	1|	-10655.7|	|	-587.7|	|	0.0|	|	-209.9|	|	-17.5|	|	801.9|	|
|	5-	1|	-11674.2|	|	-363.0|	|	0.0|	|	-218.3|	|	-10.6|	|	895.7|	|

TENSIONI (Sz= 0.00) :														
|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	7-	1|si|	4|Sx	|	Si	|	-284.6|	|	0.0|	|	0.0|	|	284.6|	|
|	5-	1|si|	6| Tz	|		|	215.6|	|	-38.3|	|	0.0|	|	225.5|	|
|	5-	1|si|	9| Ty	|		|	-19.4|	|	0.0|	|	-194.5|	|	337.5|	|
|	5-	1|si|	13| Si	|		|	-190.6|	|	0.0|	|	-163.8|	|	341.8|	|

PROGR. 72.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	6-	1|	16643.2|	|	-7.3|	|	0.0|	|	-187.5|	|	0.0|	|	651.7|	|

VERIFICA STABILITA` :

|L0 = 290. |
Z |Lc = 290. |Ro = 4.90 |lm = 59.1 |Ncr= 78472.0 |alfa(a)=0.2100 |ki=0.8565 |
Y |Lc = 290. |Ro = 1.45 |lm = 200.6 |Ncr= 6820.4 |alfa(b)=0.3400 |ki=0.1615 |
Caso 5-1 - Nodo 4 - Asse Y
Ned = -221.2 |Mzeq = -36294.3 |Myeq = -596.9 |Ss = -860.7 (0.329)

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PROGR. 0.

SOLLECITAZIONI :

	Caso		MZ		MY		MT		N		TZ		TY	
	5-	1	-48541.5		-793.3		0.0		-218.3		-13.2		1138.4	

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	5-	1|si|	4|Sx	|	Si	|	-1022.9|	|	0.0|	|	0.0|	|	1022.9|	|
|	5-	1|si|	6| Tz	|		|	924.6|	|	-48.6|	|	0.0|	|	928.4|	|
|	5-	1|si|	9| Ty	|		|	-22.8|	|	0.0|	|	-247.2|	|	428.8|	|

PROGR. 36.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	7-	1|	-10655.7|	|	-587.7|	|	0.0|	|	-209.9|	|	-17.5|	|	801.9|	|
|	5-	1|	-11674.2|	|	-363.0|	|	0.0|	|	-218.3|	|	-10.6|	|	895.7|	|

TENSIONI (Sz= 0.00) :

|	Caso	|	Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|		|
|	7-	1|si|	4|Sx	|	Si	|	-284.6|	|	0.0|	|	0.0|	|	284.6|	|
|	5-	1|si|	6| Tz	|		|	215.6|	|	-38.3|	|	0.0|	|	225.5|	|
|	5-	1|si|	9| Ty	|		|	-19.4|	|	0.0|	|	-194.5|	|	337.5|	|
|	5-	1|si|	13| Si	|		|	-190.6|	|	0.0|	|	-163.8|	|	341.8|	|

PROGR. 72.

SOLLECITAZIONI :

|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	6-	1|	16643.2|	|	-7.3|	|	0.0|	|	-187.5|	|	0.0|	|	651.7|	|

Copertura area carburante - Relazione di calcolo

| 5- 1|	16393.2|	-27.3|	0.0|	-218.3|	-8.0|	652.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	-328.6|	0.0|	0.0|	328.6|		
| 5- 1|si| 6| Tz |	-324.5|	-27.9|	0.0|	328.1|		
| 5- 1|si| 9| Ty |	-16.7|	0.0|	-141.8|	246.2|		
| 6- 1|si| 5| Si |	-328.0|	26.5|	0.0|	331.2|		
----- PROGR. 109.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	35660.7|	213.8|	0.0|	-218.3|	-5.3|	410.1|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-713.2|	0.0|	0.0|	713.2|		
| 5- 1|si| 6| Tz |	-695.6|	-17.6|	0.0|	696.2|		
| 5- 1|si| 9| Ty |	-14.8|	0.0|	-89.1|	155.0|		
----- PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	46128.4|	360.3|	0.0|	-218.3|	-2.7|	167.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-927.4|	0.0|	0.0|	927.4|		
| 5- 1|si| 6| Tz |	-897.7|	-7.3|	0.0|	897.8|		
| 5- 1|si| 9| Ty |	-13.6|	0.0|	-36.4|	64.4|		
----- PROGR. 181.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	47796.1|	412.1|	0.0|	-218.3|	-0.1|	-75.4|
| 6- 1|	47921.1|	-3.6|	0.0|	-195.3|	0.0|	-76.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-964.8|	0.0|	0.0|	964.8|		
| 6- 1|si| 5| Tz |	-917.9|	-3.1|	0.0|	917.9|		
| 6- 1|si| 9| Ty |	-14.8|	0.0|	16.6|	32.4|		
----- PROGR. 218.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	40664.0|	369.4|	0.0|	-218.3|	2.5|	-318.1|
| 6- 1|	40747.3|	-2.4|	0.0|	-197.9|	0.0|	-319.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-825.4|	0.0|	0.0|	825.4|		
| 5- 1|si| 6| Tz |	-795.0|	13.4|	0.0|	795.4|		
| 6- 1|si| 9| Ty |	-15.0|	0.0|	69.3|	121.0|		
----- PROGR. 254.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	24731.9|	232.0|	0.0|	-218.3|	5.1|	-560.9|
| 6- 1|	24773.6|	-1.2|	0.0|	-200.5|	0.0|	-562.0|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-509.3|	0.0|	0.0|	509.3|		
| 5- 1|si| 6| Tz |	-490.2|	23.7|	0.0|	492.0|		
| 6- 1|si| 9| Ty |	-15.2|	0.0|	122.1|	212.0|		
----- PROGR. 290.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12-12|	0.0|	0.0|	0.0|	-399.4|	-0.2|	-140.6|
| 5- 1|	0.0|	0.0|	0.0|	-218.3|	7.7|	-803.6|
| 6- 1|	0.0|	0.0|	0.0|	-203.1|	0.0|	-804.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12-12|si| 1|Sx |	-30.2|	0.0|	0.0|	30.2|		
| 5- 1|si| 6| Tz |	-16.5|	34.0|	0.0|	61.2|		
| 6- 1|si| 9| TySi|	-15.3|	0.0|	174.8|	303.1|		
----- PROGR. 42.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34128.0|	359.6|	-16.5|	-228.6|	-6.9|	660.7|
| 6- 1|	34169.7|	31.4|	-16.9|	-180.5|	-0.7|	661.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-701.9|	0.0|	0.0|	701.9|		
| 5- 1|si| 6| Tz |	-672.3|	-36.0|	0.0|	675.2|		
| 6- 1|si| 9| Ty |	-13.4|	0.0|	-149.4|	259.1|		
----- PROGR. 85.						
SOLLECITAZIONI :						
VERIFICA STABILITA` :						
|L0 =	290. |					
Z |Lc =	290. |Ro =	4.90|lm =	59.1|Ncr=	78472.0|alfa(a)=	0.2100|ki=	0.8565|
Y Lc =	290. Ro =	1.45 lm =	200.6 Ncr=	6820.4 alfa(b)=	0.3400 ki=	0.1615
Caso 5- 1 - Nodo 4 - Asse Y						
Ned =	-218.3 Mzeq =	-36406.1 Myeq =	-594.9 Ss =	-861.1 (0.329)	
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----- PROGR. 0.						
SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-16	0.0	0.0	-3.4	-314.4	-0.3	160.2
5- 1	0.0	0.0	-16.5	-228.6	-10.0	945.3
| 6- 1|	0.0|	0.0|	-16.9|	-177.4|	-0.7|	946.3|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 12-16|si| 1|Sx |	-23.8|	0.0|	0.0|	23.8|		
| 5- 1|si| 6| Tz |	-17.3|	-48.1|	0.0|	85.2|		
| 6- 1|si| 9| TySi|	-13.4|	0.0|	-211.2|	366.1|		
----- PROGR. 42.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	34128.0|	359.6|	-16.5|	-228.6|	-6.9|	660.7|
| 6- 1|	34169.7|	31.4|	-16.9|	-180.5|	-0.7|	661.7|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx Si|	-701.9|	0.0|	0.0|	701.9|		
| 5- 1|si| 6| Tz |	-672.3|	-36.0|	0.0|	675.2|		
| 6- 1|si| 9| Ty |	-13.4|	0.0|	-149.4|	259.1|		
----- PROGR. 85.						
SOLLECITAZIONI :						

Copertura area carburante - Relazione di calcolo

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	56160.0|	589.1|	-16.5|	-228.6|	-3.9|	376.1|
| 6- 1|	56243.4|	62.9|	-16.9|	-183.6|	-0.7|	377.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|Sx	Si| -1143.6|	0.0|	0.0|	1143.6|	
| 5- 1|	|si| 6| Tz	| -1095.1|	-23.9|	0.0|	1095.9|	
| 6- 1|	|si| 9| Ty	| -13.4|	0.0|	-87.6|	152.3|	
----- PROGR. 128.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	66096.2|	688.6|	-16.5|	-228.6|	-0.8|	91.5|
| 6- 1|	66221.2|	94.3|	-16.9|	-186.6|	-0.7|	92.5|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|Sx	Si| -1342.4|	0.0|	0.0|	1342.4|	
| 6- 1|	|si| 6| Tz	| -1265.1|	-12.0|	0.0|	1265.2|	
| 6- 1|	|si| 9| Ty	| -13.3|	0.0|	-25.8|	46.6|	
----- PROGR. 170.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	63936.4|	658.1|	-16.5|	-228.6|	2.2|	-193.1|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|Sx	Si| -1298.1|	0.0|	0.0|	1298.1|	
| 5- 1|	|si| 6| Tz	| -1243.9|	16.2|	0.0|	1244.2|	
| 5- 1|	|si| 9| Ty	| -12.0|	0.0|	47.5|	83.1|	
----- PROGR. 212.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	49680.6|	497.5|	-16.5|	-228.6|	5.3|	-477.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 2|Sx	Si| -1010.9|	0.0|	0.0|	1010.9|	
| 5- 1|	|si| 6| Tz	| -970.0|	28.3|	0.0|	971.2|	
| 5- 1|	|si| 9| Ty	| -13.3|	0.0|	109.3|	189.8|	
----- PROGR. 255.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	23579.1|	188.7|	-16.9|	-195.8|	-0.7|	-761.4|
| 5- 1|	23329.0|	206.8|	-16.5|	-228.6|	8.4|	-762.3|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 6- 1|	|si| 2|Sx	Si| -480.9|	0.0|	0.0|	480.9|	
| 5- 1|	|si| 6| Tz	| -463.7|	40.4|	0.0|	469.0|	
| 5- 1|	|si| 9| Ty	| -15.6|	0.0|	171.1|	296.8|	
----- PROGR. 298.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 7- 1|	-13545.4|	-533.0|	-14.6|	-218.7|	19.6|	-936.4|
| 5- 1|	-15118.6|	-213.9|	-16.5|	-228.6|	11.4|	-1047.0|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 7- 1|	|si| 4|Sx	| -333.4|	0.0|	0.0|	333.4|	
| 5- 1|	|si| 6| Tz	| 274.7|	52.5|	0.0|	289.4|	
| 5- 1|	|si| 9| Ty	| -19.0|	0.0|	232.9|	403.9|	
| 5- 1|	|si| 13| Si	| -240.7|	0.0|	197.1|	417.7|	
----- PROGR. 340.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-65662.1|	-764.6|	-16.5|	-228.6|	14.5|	-1331.6|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|Sx	Si| -1343.0|	0.0|	0.0|	1343.0|	
| 5- 1|	|si| 6| Tz	| 1245.4|	64.6|	0.0|	1250.5|	
| 5- 1|	|si| 9| Ty	| -23.3|	0.0|	294.7|	511.0|	
----- PROGR. 42.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-23621.4|	-415.2|	0.1|	-213.0|	-10.8|	840.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|Sx	Si| -509.2|	0.0|	0.0|	509.2|	
| 5- 1|	|si| 6| Tz	| 442.8|	-36.1|	0.0|	447.2|	
| 5- 1|	|si| 9| Ty	| -19.4|	0.0|	-182.6|	316.9|	
----- PROGR. 85.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	6358.7|	-86.3|	-0.1|	-155.5|	-1.4|	555.8|
| 5- 1|	6061.7|	-20.8|	0.1|	-213.0|	-7.7|	556.1|

VERIFICA STABILITA` :

|L0 = 340. |

Z |Lc = 340. |Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|

Y |Lc = 340. |Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|

Caso 5- 1 - Nodo 1 - Asse Y

Ned = -228.6|Mzeq = 49572.1|Myeq = -573.5|Ss = -1150.8 (0.439)

P_IPE120_S009 (9) stato limite ultimo - ASTA (664- 665) 2075

----- PROGR. 0.

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-65400.5|	-939.6|	0.1|	-213.0|	-13.9|	1125.3|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|Sx	Si| -1357.1|	0.0|	0.0|	1357.1|	
| 5- 1|	|si| 6| Tz	| 1247.5|	-48.2|	0.0|	1250.3|	
| 5- 1|	|si| 9| Ty	| -23.6|	0.0|	-244.4|	424.0|	
----- PROGR. 42.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-23621.4|	-415.2|	0.1|	-213.0|	-10.8|	840.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|	|si| 4|Sx	Si| -509.2|	0.0|	0.0|	509.2|	
| 5- 1|	|si| 6| Tz	| 442.8|	-36.1|	0.0|	447.2|	
| 5- 1|	|si| 9| Ty	| -19.4|	0.0|	-182.6|	316.9|	
----- PROGR. 85.						
SOLLECITAZIONI :						
| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	6358.7|	-86.3|	-0.1|	-155.5|	-1.4|	555.8|
| 5- 1|	6061.7|	-20.8|	0.1|	-213.0|	-7.7|	556.1|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 1|	Sx	| -141.5|	| 0.0|	| 0.0|	| 141.5|		
| 5- 1|	|si| 6|	Tz	| -129.6|	| -24.0|	| 0.0|	| 136.1|		
| 5- 1|	|si| 9|	TySi	| -16.3|	| 0.0|	| -120.8|	| 209.9|		
-----							PROGR.	128.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 5- 1|	23649.0|	243.6|	0.1|	-213.0|	-4.7|	271.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx Si	| -489.9|	| 0.0|	| 0.0|	| 489.9|		
| 5- 1|	|si| 6|	Tz	| -469.8|	| -11.9|	| 0.0|	| 470.3|		
| 5- 1|	|si| 9|	Ty	| -14.2|	| 0.0|	| -59.0|	| 103.2|		
-----							PROGR.	170.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 5- 1|	29140.3|	377.8|	0.1|	-213.0|	-1.6|	-13.1|		
| 7- 1|	25964.1|	604.6|	0.2|	-203.1|	-1.5|	-12.1|		
| 6- 1|	29405.6|	32.8|	-0.1|	-161.6|	-1.4|	-13.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx Si	| -608.9|	| 0.0|	| 0.0|	| 608.9|		
| 7- 1|	|si| 5|	Tz	| -484.5|	| -0.9|	| 0.0|	| 484.5|		
| 6- 1|	|si| 9|	Ty	| -11.9|	| 0.0|	| 2.9|	| 13.0|		
-----							PROGR.	212.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 5- 1|	22535.7|	382.1|	0.1|	-213.0|	1.4|	-297.7|		
| 6- 1|	22785.2|	92.4|	-0.1|	-164.7|	-1.4|	-298.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx Si	| -484.9|	| 0.0|	| 0.0|	| 484.9|		
| 5- 1|	|si| 6|	Tz	| -453.4|	| 12.4|	| 0.0|	| 453.9|		
| 6- 1|	|si| 9|	Ty	| -11.7|	| 0.0|	| 64.8|	| 112.8|		
-----							PROGR.	255.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 5- 1|	3835.1|	256.3|	0.1|	-213.0|	4.5|	-582.3|		
| 6- 1|	4068.8|	152.0|	-0.1|	-167.7|	-1.4|	-582.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	| -118.0|	| 0.0|	| 0.0|	| 118.0|		
| 5- 1|	|si| 6|	Tz	| -96.9|	| 24.5|	| 0.0|	| 105.8|		
| 6- 1|	|si| 9|	Ty	| -11.5|	| 0.0|	| 126.6|	| 219.5|		
| 5- 1|	|si|10|	Si	| -18.1|	| 0.0|	| 126.5|	| 219.9|		
-----							PROGR.	298.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 6- 1|	-26743.5|	211.6|	-0.1|	-170.8|	-1.4|	-867.3|		
| 5- 1|	-26961.4|	0.4|	0.1|	-213.0|	7.6|	-866.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 3|	Sx Si	| -541.3|	| 0.0|	| 0.0|	| 541.3|		
| 5- 1|	|si| 6|	Tz	| 491.9|	| 36.6|	| 0.0|	| 496.0|		
| 6- 1|	|si| 9|	Ty	| -11.2|	| 0.0|	| 188.4|	| 326.5|		
-----							PROGR.	340.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 5- 1|	-69853.7|	-385.5|	0.1|	-213.0|	10.6|	-1151.5|		
| 6- 1|	-69651.6|	271.1|	-0.1|	-173.8|	-1.4|	-1151.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx Si	| -1377.0|	| 0.0|	| 0.0|	| 1377.0|		
| 5- 1|	|si| 6|	Tz	| 1313.0|	| 48.7|	| 0.0|	| 1315.7|		
| 6- 1|	|si| 9|	Ty	| -11.0|	| 0.0|	| 250.2|	| 433.5|		
-----							PROGR.	
VERIFICA STABILITA` :								
|L0 =	340. |							
Z |Lc =	340. |Ro =	4.90|lm =	69.3|Ncr=	57089.0|alfa(a)=	0.2100|ki=	0.7966|		
Y |Lc =	340. |Ro =	1.45|lm =	235.1|Ncr=	4961.9|alfa(b)=	0.3400|ki=	0.1204|		
Caso 5- 1 - Nodo 4 - Asse Y								
Ned =	-213.0|Mzeq =	-52390.3|Myeq =	-704.7|Ss =	-1209.7 (	0.462)		
P_IPE120_S009 (9) stato limite ultimo - ASTA (665- 365) 2076								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 5- 1|	-70117.6|	-1055.0|	0.0|	-202.3|	-15.3|	1344.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx Si	| -1458.5|	| 0.0|	| 0.0|	| 1458.5|		
| 5- 1|	|si| 6|	Tz	| 1341.0|	| -57.3|	| 0.0|	| 1344.7|		
| 5- 1|	|si| 9|	Ty	| -23.7|	| 0.0|	| -292.0|	| 506.4|		
-----							PROGR.	42.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 5- 1|	-19017.2|	-468.0|	0.0|	-202.3|	-12.3|	1060.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx	| -427.7|	| 0.0|	| 0.0|	| 427.7|		
| 5- 1|	|si| 6|	Tz	| 358.6|	| -45.2|	| 0.0|	| 367.1|		
| 5- 1|	|si| 9|	Ty	| -19.0|	| 0.0|	| -230.2|	| 399.2|		
| 5- 1|	|si|13|	Si	| -297.9|	| 0.0|	| -193.9|	| 449.0|		
-----							PROGR.	85.
SOLLECITAZIONI :								
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |		
| 5- 1|	19987.3|	-11.0|	0.0|	-202.3|	-9.2|	775.4|		

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 1|	Sx	| -393.2|	| 0.0|	| 0.0|	| 393.2|	
| 5- 1|	|si| 6|	Tz	| -391.5|	| -33.1|	| 0.0|	| 395.7|	
| 5- 1|	|si| 9|	Ty	| -15.4|	| 0.0|	| -168.4|	| 292.1|	
-----							PROGR.
128.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	46895.9|	316.0|	0.0|	-202.3|	-6.2|	490.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -935.5|	| 0.0|	| 0.0|	| 935.5|	
| 5- 1|	|si| 6|	Tz	| -909.5|	| -21.0|	| 0.0|	| 910.2|	
| 5- 1|	|si| 9|	Ty	| -12.8|	| 0.0|	| -106.6|	| 185.1|	
-----							PROGR.
170.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	61708.6|	512.9|	0.0|	-202.3|	-3.1|	206.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -1237.4|	| 0.0|	| 0.0|	| 1237.4|	
| 5- 1|	|si| 6|	Tz	| -1195.1|	| -8.9|	| 0.0|	| 1195.2|	
| 5- 1|	|si| 9|	Ty	| -11.2|	| 0.0|	| -44.8|	| 78.4|	
-----							PROGR.
212.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	64425.3|	579.7|	0.0|	-202.3|	0.0|	-78.4|	
| 6- 1|	64503.0|	0.7|	0.0|	-138.8|	0.0|	-79.0|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -1296.3|	| 0.0|	| 0.0|	| 1296.3|	
| 6- 1|	|si| 6|	Tz	| -1226.0|	| 3.2|	| 0.0|	| 1226.0|	
| 6- 1|	|si| 9|	Ty	| -10.5|	| 0.0|	| 17.2|	| 31.5|	
-----							PROGR.
255.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	55046.1|	516.5|	0.0|	-202.3|	3.0|	-363.0|	
| 6- 1|	55097.9|	0.5|	0.0|	-141.9|	0.0|	-363.6|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -1112.3|	| 0.0|	| 0.0|	| 1112.3|	
| 5- 1|	|si| 6|	Tz	| -1069.7|	| 15.3|	| 0.0|	| 1070.0|	
| 6- 1|	|si| 9|	Ty	| -10.7|	| 0.0|	| 79.0|	| 137.2|	
-----							PROGR.
298.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	33571.0|	323.3|	0.0|	-202.3|	6.1|	-647.6|	
| 6- 1|	33596.9|	0.2|	0.0|	-144.9|	0.0|	-648.2|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -685.3|	| 0.0|	| 0.0|	| 685.3|	
| 5- 1|	|si| 6|	Tz	| -658.6|	| 27.4|	| 0.0|	| 660.3|	
| 6- 1|	|si| 9|	Ty	| -10.9|	| 0.0|	| 140.8|	| 244.1|	
-----							PROGR.
340.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 12-16|	0.0|	0.0|	0.0|	-307.4|	-0.2|	-160.7|	
| 5- 1|	0.0|	0.0|	0.0|	-202.3|	9.1|	-932.2|	
| 6- 1|	0.0|	0.0|	0.0|	-148.0|	0.0|	-932.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 12-16|	|si| 2|	Sx	| -23.2|	| 0.0|	| 0.0|	| 23.2|	
| 5- 1|	|si| 6|	Tz	| -15.3|	| 39.5|	| 0.0|	| 70.1|	
| 6- 1|	|si| 9|	TySi	| -11.2|	| 0.0|	| 202.6|	| 351.1|	
-----							PROGR.
VERIFICA STABILITA` :							
|L0 =	340. |						
Z |Lc =	340. |	Ro =	4.90|	lm =	69.3|	Ncr=	57089.0|
Y |Lc =	340. |	Ro =	1.45|	lm =	235.1|	Ncr=	4961.9|
Caso 5- 1 - Nodo 4 - Asse Y							
Ned =	-202.3|	Mzeq =	-52588.2|	Myeq =	-791.3|	Ss =	-1216.8 (0.465)
P_IPE120_S009 (9) stato limite ultimo - ASTA (365- 702) 2077							
-----							PROGR.
0.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 6- 2|	0.0|	0.0|	-8.9|	-261.3|	-0.4|	474.4|	
| 5- 1|	0.0|	0.0|	-14.7|	-243.8|	-9.2|	876.4|	
| 6- 1|	0.0|	0.0|	-15.0|	-152.2|	-0.6|	877.9|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 2|	|si| 1|	Sx	| -19.7|	| 0.0|	| 0.0|	| 19.7|	
| 5- 1|	|si| 6|	Tz	| -18.4|	| -44.3|	| 0.0|	| 79.0|	
| 6- 1|	|si| 9|	TySi	| -11.5|	| 0.0|	| -195.7|	| 339.2|	
-----							PROGR.
40.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	29517.2|	309.0|	-14.7|	-243.8|	-6.4|	610.6|	
| 6- 1|	29576.4|	22.6|	-15.0|	-155.0|	-0.6|	612.1|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -610.4|	| 0.0|	| 0.0|	| 610.4|	
| 5- 1|	|si| 6|	Tz	| -584.9|	| -33.0|	| 0.0|	| 587.7|	
| 6- 1|	|si| 9|	Ty	| -11.5|	| 0.0|	| -138.0|	| 239.3|	
-----							PROGR.
79.							
SOLLECITAZIONI :							
| Caso |	MZ	| MY |	MT	| N |	TZ	| TY |	
| 5- 1|	48479.8|	504.5|	-14.7|	-243.8|	-3.5|	344.7|	

Copertura area carburante - Relazione di calcolo

```

| 6- 1|      48598.1|      45.2|      -15.0|      -157.9|      -0.6|      346.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si|      -990.3|      0.0|      0.0|      990.3|
| 5- 1|si| 6|  Tz |      -948.7|      -21.7|      0.0|      949.5|
| 6- 1|si| 9|  Ty |      -11.6|      0.0|      -80.3|      139.5|
-----

```

PROGR. 119.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      56887.8|      586.5|      -14.7|      -243.8|      -0.6|      78.9|
| 6- 1|      57065.3|      67.8|      -15.0|      -160.7|      -0.6|      80.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si|      -1158.2|      0.0|      0.0|      1158.2|
| 6- 1|si| 6|  Tz |      -1089.7|      -10.6|      0.0|      1089.9|
| 6- 1|si| 9|  Ty |      -11.6|      0.0|      -22.5|      40.7|
-----

```

PROGR. 159.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      54741.2|      555.0|      -14.7|      -243.8|      2.2|      -187.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si|      -1114.1|      0.0|      0.0|      1114.1|
| 5- 1|si| 6|  Tz |      -1068.4|      15.1|      0.0|      1068.7|
| 5- 1|si| 9|  Ty |      -14.0|      0.0|      45.6|      80.2|
-----

```

PROGR. 199.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      42040.0|      410.1|      -14.7|      -243.8|      5.1|      -452.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si|      -858.0|      0.0|      0.0|      858.0|
| 5- 1|si| 6|  Tz |      -824.2|      26.4|      0.0|      825.5|
| 5- 1|si| 9|  Ty |      -15.2|      0.0|      103.3|      179.6|
-----

```

PROGR. 238.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      18784.2|      151.7|      -14.7|      -243.8|      7.9|      -718.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 2|Sx |Si|      -389.9|      0.0|      0.0|      389.9|
| 5- 1|si| 6|  Tz |      -377.4|      37.7|      0.0|      383.0|
| 5- 1|si| 9|  Ty |      -17.2|      0.0|      161.0|      279.5|
-----

```

PROGR. 278.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      -13542.8|      -495.8|      -13.1|      -229.4|      18.5|      -880.9|
| 5- 1|      -15026.3|      -220.2|      -14.7|      -243.8|      10.8|      -984.6|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 7- 1|si| 4|Sx |Si|      -329.9|      0.0|      0.0|      329.9|
| 5- 1|si| 6|  Tz |      272.0|      49.0|      0.0|      285.0|
| 5- 1|si| 9|  Ty |      -20.2|      0.0|      218.8|      379.5|
| 5- 1|si|13| Si |      -240.6|      0.0|      185.1|      400.8|
-----

```

PROGR. 318.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -59391.3|      -705.6|      -14.7|      -243.8|      13.7|      -1250.4|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |Si|      -1219.1|      0.0|      0.0|      1219.1|
| 5- 1|si| 6|  Tz |      1124.2|      60.3|      0.0|      1129.0|
| 5- 1|si| 9|  Ty |      -24.0|      0.0|      276.5|      479.6|
-----

```

VERIFICA STABILITA' :

```

|L0 = 318.0|
Z |Lc = 318.0|Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|
Y |Lc = 318.0|Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -243.8|Mzeq = -44543.5|Myeq = -529.2|Ss = -1041.2 ( 0.398)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 702- 703) 2078
-----

```

PROGR. 0.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -59226.8|      -773.8|      -0.4|      -287.2|      -12.8|      1115.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |Si|      -1227.2|      0.0|      0.0|      1227.2|
| 5- 1|si| 6|  Tz |      1120.1|      -47.8|      0.0|      1123.1|
| 5- 1|si| 9|  Ty |      -27.9|      0.0|      -242.5|      420.9|
-----

```

PROGR. 40.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -20210.2|      -320.5|      -0.4|      -287.2|      -10.0|      849.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si | |
| 5- 1|si| 4|Sx |Si|      -439.6|      0.0|      0.0|      439.6|
| 5- 1|si| 6|  Tz |      369.8|      -36.5|      0.0|      375.1|
| 5- 1|si| 9|  Ty |      -24.2|      0.0|      -184.7|      320.9|
-----

```

PROGR. 79.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      8558.6|      -37.3|      -0.5|      -186.0|      -1.2|      582.0|
| 5- 1|      8251.7|      19.3|      -0.4|      -287.2|      -7.1|      584.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -179.6|      0.0|      0.0|      179.6|

```

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6| Tz | -177.8| -25.2| 0.0| 183.1|
| 5- 1|si| 9| Ty | -21.5| 0.0| -127.0| 221.0|
| 5- 1|si|12| Si | -142.9| 0.0| -107.0| 234.0|

PROGR.

119.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 26159.1| 245.6| -0.4| -287.2| -4.3| 318.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si | -543.0| 0.0| 0.0| 543.0|
| 5- 1|si| 6| Tz | -522.8| -13.9| 0.0| 523.3|
| 5- 1|si| 9| Ty | -19.7| 0.0| -69.2| 121.5|

PROGR.

159.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 33511.8| 358.4| -0.4| -287.2| -1.4| 52.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si | -694.6| 0.0| 0.0| 694.6|
| 5- 1|si| 6| Tz | -665.1| -2.6| 0.0| 665.1|
| 5- 1|si| 9| Ty | -18.9| 0.0| -11.5| 27.4|

PROGR.

198.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 30309.9| 357.8| -0.4| -287.2| 1.4| -213.6|
| 6- 1| 30373.5| 105.2| -0.5| -194.6| -1.2| -215.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si | -634.2| 0.0| 0.0| 634.2|
| 6- 1|si| 5| Tz | -583.5| -9.2| 0.0| 583.8|
| 6- 1|si| 9| Ty | -13.9| 0.0| 47.0| 82.6|

PROGR.

238.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 16553.4| 243.7| -0.4| -287.2| 4.3| -479.4|
| 6- 1| 16536.0| 152.7| -0.5| -197.4| -1.2| -481.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si | -361.8| 0.0| 0.0| 361.8|
| 5- 1|si| 6| Tz | -341.7| 20.5| 0.0| 343.6|
| 6- 1|si| 9| Ty | -13.7| 0.0| 104.8| 181.9|

PROGR.

278.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -7856.2| 200.2| -0.5| -200.3| -1.2| -747.3|
| 5- 1| -7757.7| 16.1| -0.4| -287.2| 7.2| -745.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si | -186.3| 0.0| 0.0| 186.3|
| 5- 1|si| 6| Tz | 123.9| 31.8| 0.0| 135.6|
| 6- 1|si| 9| Ty | -13.5| 0.0| 162.5| 281.8|
| 6- 1|si|10| Si | -16.7| 0.0| 162.5| 281.9|

PROGR.

318.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -42623.4| -324.9| -0.4| -287.2| 10.0| -1011.2|
| 6- 1| -42803.0| 247.8| -0.5| -203.1| -1.2| -1013.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si | -862.4| 0.0| 0.0| 862.4|
| 5- 1|si| 6| Tz | 792.3| 43.1| 0.0| 795.8|
| 6- 1|si| 9| Ty | -13.4| 0.0| 220.2| 381.7|

VERIFICA STABILITA` :

|L0 = 318.1
 Z |Lc = 318.1|Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|
 Y |Lc = 318.1|Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|
 Caso 5- 1 - Nodo 4 - Asse Y
 Ned = -287.2|Mzeq = -44420.1|Myeq = -580.4|Ss = -1070.2 (0.409)

P_IPE120_S009 (9) stato limite ultimo - ASTA (703- 704) 2079

PROGR.

0.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -42634.4| -988.7| 1.2| -276.2| -14.1| 1039.9|
| 6- 1| -42812.5| -385.8| 1.2| -154.0| -2.7| 1040.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si | -938.6| 0.0| 0.0| 938.6|
| 5- 1|si| 6| Tz | 815.4| -45.3| 0.0| 819.1|
| 6- 1|si| 9| Ty | -14.7| 0.0| -226.5| 392.6|

PROGR.

40.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -6629.3| -484.4| 1.2| -276.2| -11.3| 774.0|
| 6- 1| -6764.2| -277.7| 1.2| -156.9| -2.7| 775.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si | -201.8| 0.0| 0.0| 201.8|
| 5- 1|si| 6| Tz | 120.2| -34.0| 0.0| 133.8|
| 6- 1|si| 9| Ty | -14.1| 0.0| -168.7| 292.6|
| 5- 1|si| 9| Si | -24.7| 0.0| -168.5| 292.9|

PROGR.

79.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18821.2| -93.6| 1.2| -276.2| -8.4| 508.1|
| 6- 1| 18729.5| -169.5| 1.2| -159.7| -2.7| 509.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 6| Tz | 792.3| 43.1| 0.0| 795.8|
| 6- 1|si| 9| Ty | -13.4| 0.0| 220.2| 381.7|

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-386.3	0.0	386.3
5-1	si	6	Tz		-372.4	-22.7	374.5
6-1	si	9	Ty		-13.4	0.0	-111.0

PROGR. 119.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	33717.1	183.7	1.2	-276.2	-5.6	242.3
6-1	33668.7	-61.3	1.2	-162.6	-2.7	243.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	Si	-677.5	0.0	677.5
5-1	si	6	Tz		-662.3	-11.4	662.6
6-1	si	9	Ty		-12.8	0.0	-53.3

PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	38058.4	347.5	1.2	-276.2	-2.7	-23.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	Si	-778.2	0.0	778.2
5-1	si	5	Tz		-726.5	-2.0	726.5
5-1	si	9	Ty		-18.1	0.0	5.5

PROGR. 199.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	31845.1	397.9	1.2	-276.2	0.2	-289.4
6-1	31883.0	155.0	1.2	-168.3	-2.7	-288.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	Si	-666.9	0.0	666.9
6-1	si	5	Tz		-608.3	-12.8	608.8
5-1	si	9	Ty		-17.7	0.0	63.3

PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	15077.1	334.8	1.2	-276.2	3.0	-555.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	2	Sx	Si	-343.7	0.0	343.7
5-1	si	6	Tz		-316.1	23.7	0.0
5-1	si	9	Ty		-18.2	0.0	121.0

PROGR. 278.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-12121.0	371.3	1.2	-174.0	-2.7	-820.1
5-1	-12245.4	158.2	1.2	-276.2	5.9	-821.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx		-284.5	0.0	284.5
5-1	si	6	Tz		204.6	35.0	0.0
5-1	si	9	Ty		-19.6	0.0	178.8
5-1	si	14	Si		-201.7	0.0	150.6

PROGR. 318.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-49954.9	479.5	1.2	-176.9	-2.7	-1085.9
5-1	-50122.6	-131.9	1.2	-276.2	8.7	-1087.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	Si	-1010.1	0.0	1010.1
5-1	si	6	Tz		928.0	46.3	0.0
5-1	si	9	Ty		-21.9	0.0	236.5

VERIFICA STABILITA' :

$L_0 = 318.0$
 $Z |Lc = 318.0 |Ro = 4.90 |lm = 64.8 |Ncr = 65425.9 |alfa(a) = 0.2100 |ki = 0.8251 |$
 $Y |Lc = 318.0 |Ro = 1.45 |lm = 219.6 |Ncr = 5686.5 |alfa(b) = 0.3400 |ki = 0.1366 |$
 Caso 5-1 - Nodo 4 - Asse Y
 $Ned = -276.2 |Mzeq = -37591.9 |Myeq = -741.5 |Ss = -954.2 (0.364)$

P_IPE120_S009 (9) stato limite ultimo - ASTA (704- 383) 2080
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-50255.6	-961.3	0.0	-146.5	-14.4	1220.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	Si	-1069.2	0.0	1069.2
5-1	si	6	Tz		967.9	-52.1	0.0
5-1	si	9	Ty		-18.7	0.0	-265.1

PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-6570.2	-708.8	0.0	-135.1	-19.2	854.8
5-1	-7125.5	-445.0	0.0	-146.5	-11.6	955.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	si	4	Sx		-216.0	0.0	216.0
5-1	si	6	Tz		138.0	-40.8	0.0
5-1	si	9	Ty		-14.6	0.0	-207.4

PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	25476.6	-41.8	0.0	-146.5	-8.7	689.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	1	Sx	Si	-496.0	0.0	496.0

Copertura area carburante - Relazione di calcolo

```

| 5- 1|si| 6| Tz | -489.7| -29.6| 0.0| 492.4|
| 5- 1|si| 9| Ty | -11.4| 0.0| -149.7| 259.6|
-----

```

```

PROGR. 119.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47550.6| 248.1| 0.0| -146.5| -5.9| 424.0|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -935.8| 0.0| 0.0| 935.8|
| 5- 1|si| 6| Tz | -915.3| -18.3| 0.0| 915.9|
| 5- 1|si| 9| Ty | -9.1| 0.0| -92.1| 159.7|
-----

```

```

PROGR. 159.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 59096.5| 424.9| 0.0| -146.5| -3.0| 158.4|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1173.8| 0.0| 0.0| 1173.8|
| 5- 1|si| 6| Tz | -1138.8| -7.0| 0.0| 1138.8|
| 5- 1|si| 9| Ty | -7.7| 0.0| -34.4| 60.1|
-----

```

```

PROGR. 198.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 60114.5| 488.4| 0.0| -146.5| -0.2| -107.1|
| 6- 1| 60178.4| -13.3| 0.0| -24.8| -0.1| -107.6|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1200.3| 0.0| 0.0| 1200.3|
| 6- 1|si| 5| Tz | -1136.3| -4.4| 0.0| 1136.3|
| 6- 1|si| 9| Ty | -2.0| 0.0| 23.4| 40.5|
-----

```

```

PROGR. 238.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 50604.4| 438.8| 0.0| -146.5| 2.7| -372.6|
| 6- 1| 50647.0| -8.9| 0.0| -27.6| -0.1| -373.2|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -1015.4| 0.0| 0.0| 1015.4|
| 5- 1|si| 6| Tz | -979.2| 15.6| 0.0| 979.6|
| 6- 1|si| 9| Ty | -2.2| 0.0| 81.0| 140.4|
-----

```

```

PROGR. 278.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 30566.2| 276.0| 0.0| -146.5| 5.5| -638.1|
| 6- 1| 30587.5| -4.4| 0.0| -30.5| -0.1| -638.7|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -619.0| 0.0| 0.0| 619.0|
| 5- 1|si| 6| Tz | -596.2| 26.9| 0.0| 598.0|
| 6- 1|si| 9| Ty | -2.3| 0.0| 138.7| 240.3|
-----

```

```

PROGR. 317.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 2| 0.0| 0.0| 0.0| -230.4| -0.1| -119.2|
| 5- 1| 0.0| 0.0| 0.0| -146.5| 8.4| -903.7|
| 6- 1| 0.0| 0.0| 0.0| -33.4| -0.1| -904.2|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 2|si| 3|Sx | Si | -17.4| 0.0| 0.0| 17.4|
| 5- 1|si| 6| Tz | -11.1| 38.2| 0.0| 67.1|
| 6- 1|si| 9| TySi | -2.5| 0.0| 196.4| 340.1|
-----

```

```

-----

```

VERIFICA STABILITA' :

```

|L0 = 317.1
Z |Lc = 317.1|Ro = 4.90|lm = 64.7|Ncr= 65591.0|alfa(a)=0.2100|ki=0.8256|
Y |Lc = 317.1|Ro = 1.45|lm = 219.4|Ncr= 5700.9|alfa(b)=0.3400|ki=0.1370|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -146.5|Mzeq = 45085.8|Myeq = -721.0|Ss = -1017.9 ( 0.389)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 8- 528) 2081
-----
PROGR. 0.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY | |
| 8- 2| 0.0| 0.0| 0.0| -1.8| 170.6| 0.2| 111.3|
| 5- 1| 0.0| 0.0| -9.8| 124.0| -7.5| 852.6|
| 6- 1| 0.0| 0.0| -9.2| 38.1| 0.1| 853.9|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 8- 2|si| 1|Sx | Si | 12.9| 0.0| 0.0| 12.9|
| 5- 1|si| 6| Tz | 9.4| -40.7| 0.0| 71.2|
| 6- 1|si| 9| Ty | 2.9| 0.0| -188.5| 326.6|
| 5- 1|si| 9| Si | 9.4| 0.0| -188.5| 326.6|
-----

```

```

PROGR. 35.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 25738.6| 217.4| -9.8| 124.0| -5.0| 618.2|
| 6- 1| 25784.3| -2.2| -9.2| 35.6| 0.1| 619.5|

```

```

TENSIONI (Sz= 0.00) :

```

```

| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 519.5| 0.0| 0.0| 519.5|
| 5- 1|si| 6| Tz | -482.9| -30.8| 0.0| 485.8|
| 6- 1|si| 9| Ty | 2.7| 0.0| -137.6| 238.4|
-----

```

```

PROGR. 70.

```

SOLLECITAZIONI :

```

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 43273.8| 346.6| -9.8| 124.0| -2.4| 383.8|
| 6- 1| 43365.2| -4.4| -9.2| 33.1| 0.1| 385.1|

```

```

TENSIONI (Sz= 0.00) :

```

```

-----

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	864.9	0.0	0.0	864.9
5-1	si	6	Tz	-817.6	-20.8	0.0	818.4
6-1	si	9	Ty	2.5	0.0	-86.7	150.2

PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	52605.6	387.6	-9.8	124.0	0.1	149.4
6-1	52742.5	-6.7	-9.2	30.5	0.1	150.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1045.5	0.0	0.0	1045.5
5-1	si	5	Tz	-969.0	10.8	0.0	969.2
6-1	si	9	Ty	2.3	0.0	-35.8	62.1

PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	53733.8	340.4	-9.8	124.0	2.6	-85.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1061.3	0.0	0.0	1061.3
5-1	si	6	Tz	-1014.5	8.7	0.0	1014.6
5-1	si	9	Ty	12.1	0.0	21.8	39.6

PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	46658.6	205.0	-9.8	124.0	5.1	-319.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	912.3	0.0	0.0	912.3
5-1	si	6	Tz	-876.6	18.6	0.0	877.2
5-1	si	9	Ty	11.0	0.0	72.7	126.3

PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	31379.9	-18.7	-9.8	124.0	7.6	-553.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	3	Sx	602.8	0.0	0.0	602.8
5-1	si	6	Tz	-581.3	28.6	0.0	583.4
5-1	si	9	Ty	9.2	0.0	123.6	214.2
5-1	si	8	Si	601.3	-26.0	0.0	603.0

PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	7166.9	-518.0	-9.3	104.9	16.8	-704.4
5-1	7897.8	-330.5	-9.8	124.0	10.2	-788.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	si	3	Sx	202.9	0.0	0.0	202.9
5-1	si	6	Tz	-128.5	38.6	0.0	144.8
5-1	si	9	Ty	6.7	0.0	174.5	302.3
5-1	si	10	Si	12.0	0.0	174.5	302.4

PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-21155.5	-1180.0	-9.3	104.9	21.0	-914.0
5-1	-23787.8	-730.5	-9.8	124.0	12.7	-1022.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	si	2	Sx	543.0	0.0	0.0	543.0
5-1	si	6	Tz	481.9	48.5	0.0	489.2
5-1	si	9	Ty	3.6	0.0	225.4	390.4

VERIFICA STABILITA' :

$L0 = 280.$
 $Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr = 84177.2 |alfa(a) = 0.2100 |ki = 0.8668 |$
 $Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr = 7316.3 |alfa(b) = 0.3400 |ki = 0.1722 |$
 Caso 8-1 - Nodo 2 - Asse Y
 $Ned = -71.9 |Mzeq = 37511.6 |Myeq = 5.8 |Ss = -739.7 (0.282)$

P_IPE120_S009 (9) stato limite ultimo - ASTA (528- 529) 2082
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-23479.8	368.4	-1.0	102.6	2.7	897.0
5-1	-23843.8	-127.8	-1.0	168.0	-7.5	898.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	492.8	0.0	0.0	492.8
5-1	si	6	Tz	466.2	-38.3	0.0	470.9
5-1	si	9	Ty	11.7	0.0	-195.5	338.8

PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	3813.4	272.6	-1.0	100.0	2.7	662.6
5-1	3502.0	90.8	-1.0	168.0	-5.0	664.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	110.9	0.0	0.0	110.9
5-1	si	6	Tz	-56.3	-28.4	0.0	74.7
5-1	si	9	TySi	13.4	0.0	-144.6	250.8

PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	22644.4	221.1	-1.0	168.0	-2.5	429.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
------	----	----	---------	----	----	----	----

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 4|Sx	Si	465.0|	0.0|	0.0|	465.0|		
| 5- 1|si| 6| Tz		-421.4|	-18.4|	0.0|	422.6|		
| 5- 1|si| 9| Ty		14.4|	0.0|	-93.7|	162.9|		

PROGR.

105.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	33583.2|	263.3|	-1.0|	168.0|	0.1|	195.3|	
| 6- 1|	33789.5|	80.9|	-1.0|	95.0|	2.7|	193.8|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	Si	676.0|	0.0|	0.0|	676.0|		
| 6- 1|si| 5| Tz		-626.8|	8.9|	0.0|	627.0|		
| 5- 1|si| 9| Ty		14.8|	0.0|	-42.8|	75.5|		

PROGR.

140.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	36318.7|	217.3|	-1.0|	168.0|	2.6|	-39.0|	
| 6- 1|	36472.4|	-14.9|	-1.0|	92.5|	2.7|	-40.5|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	Si	722.2|	0.0|	0.0|	722.2|		
| 6- 1|si| 6| Tz		-679.8|	2.6|	0.0|	679.8|		
| 6- 1|si| 9| Ty		6.9|	0.0|	9.2|	17.3|		

PROGR.

175.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	30850.6|	83.0|	-1.0|	168.0|	5.1|	-273.4|	
| 6- 1|	30951.8|	-110.8|	-1.0|	90.0|	2.7|	-274.9|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	Si	603.6|	0.0|	0.0|	603.6|		
| 5- 1|si| 6| Tz		-571.4|	12.5|	0.0|	571.8|		
| 6- 1|si| 9| Ty		5.9|	0.0|	60.1|	104.2|		

PROGR.

210.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	17227.7|	-206.6|	-1.0|	87.4|	2.7|	-509.3|	
| 5- 1|	17179.1|	-139.4|	-1.0|	168.0|	7.6|	-507.8|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si	355.1|	0.0|	0.0|	355.1|		
| 5- 1|si| 6| Tz		-306.4|	22.5|	0.0|	308.8|		
| 6- 1|si| 9| Ty		5.0|	0.0|	111.0|	192.3|		

PROGR.

245.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-4695.8|	-450.1|	-1.0|	168.0|	10.1|	-742.2|	
| 6- 1|	-4699.8|	-302.4|	-1.0|	84.9|	2.7|	-743.7|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	153.2|	0.0|	0.0|	153.2|		
| 5- 1|si| 6| Tz		116.1|	32.4|	0.0|	129.0|		
| 6- 1|si| 9| Ty		4.0|	0.0|	161.9|	280.4|		
| 6- 1|si|10| Si		8.8|	0.0|	161.9|	280.5|		

PROGR.

280.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-34774.3|	-848.9|	-1.0|	168.0|	12.7|	-976.6|	
| 6- 1|	-34830.8|	-398.3|	-1.0|	82.4|	2.7|	-978.1|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	766.1|	0.0|	0.0|	766.1|		
| 5- 1|si| 6| Tz		696.2|	42.4|	0.0|	700.0|		
| 6- 1|si| 9| Ty		3.1|	0.0|	212.8|	368.5|		

VERIFICA STABILITA` :

|L0 = 280. |
 Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 8- 1 - Nodo 1 - Asse Y
 Ned = -0.2|Mzeq = 24689.0|Myeq = -222.0|Ss = -491.0 (0.187)

P_IPE120_S009 (9) stato limite ultimo - ASTA (529- 530) 2083
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	-34836.9|	454.4|	0.7|	117.8|	3.2|	932.5|	
| 5- 1|	-34779.8|	1.5|	0.8|	169.6|	-6.7|	930.8|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	717.9|	0.0|	0.0|	717.9|		
| 5- 1|si| 6| Tz		668.1|	-39.4|	0.0|	671.6|		
| 6- 1|si| 9| Ty		12.5|	0.0|	-202.7|	351.4|		

PROGR.

35.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	-6302.1|	341.5|	0.7|	115.2|	3.2|	698.1|	
| 5- 1|	-6303.0|	192.0|	0.8|	169.6|	-4.2|	696.4|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	166.9|	0.0|	0.0|	166.9|		
| 5- 1|si| 6| Tz		125.2|	-29.4|	0.0|	135.2|		
| 6- 1|si| 9| TySi		11.4|	0.0|	-151.8|	263.2|		

PROGR.

70.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	13970.3|	294.3|	0.8|	169.6|	-1.7|	462.0|	
| 6- 1|	14029.3|	228.6|	0.7|	112.7|	3.2|	463.7|	

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx	Si| 310.1|	0.0|	0.0|	310.1|		
| 6- 1|	|si| 5|	Tz	-248.2|	19.8|	0.0|	250.6|		
| 6- 1|	|si| 9|	Ty	10.3|	0.0|	-100.9|	175.1|		
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	26040.1|	308.3|	0.8|	169.6|	0.9|	227.7|		
| 6- 1|	26157.2|	115.7|	0.7|	110.2|	3.2|	229.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx	Si| 539.1|	0.0|	0.0|	539.1|		
| 6- 1|	|si| 5|	Tz	-480.7|	10.2|	0.0|	481.0|		
| 6- 1|	|si| 9|	Ty	9.2|	0.0|	-50.0|	87.2|		
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	29906.5|	234.2|	0.8|	169.6|	3.4|	-6.7|		
| 12-16|	5837.2|	-28.3|	0.1|	9.9|	6.8|	3.3|		
| 11- 5|	4984.4|	10.8|	0.5|	50.6|	-2.2|	-9.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 4|	Sx	Si| 603.4|	0.0|	0.0|	603.4|		
| 12-16|	|si| 5|	Tz	-110.2|	1.4|	0.0|	110.2|		
| 11- 5|	|si| 9|	Ty	3.9|	0.0|	2.1|	5.4|		
-----							PROGR.	175.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	25802.7|	-110.1|	0.7|	105.2|	3.2|	-239.4|		
| 5- 1|	25569.3|	71.9|	0.8|	169.6|	5.9|	-241.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 3|	Sx	Si| 506.9|	0.0|	0.0|	506.9|		
| 5- 1|	|si| 6|	Tz	-471.4|	11.2|	0.0|	471.8|		
| 5- 1|	|si| 9|	Ty	13.4|	0.0|	52.6|	92.1|		
-----							PROGR.	210.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	13320.2|	-223.0|	0.7|	102.6|	3.2|	-473.8|		
| 5- 1|	13028.8|	-178.7|	0.8|	169.6|	8.4|	-475.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 6- 1|	|si| 3|	Sx	Si| 284.5|	0.0|	0.0|	284.5|		
| 5- 1|	|si| 6|	Tz	-226.8|	21.2|	0.0|	229.7|		
| 5- 1|	|si| 9|	Ty	11.4|	0.0|	103.5|	179.7|		
-----							PROGR.	245.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-7715.3|	-517.4|	0.8|	169.6|	10.9|	-709.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| 218.0|	0.0|	0.0|	218.0|		
| 5- 1|	|si| 6|	Tz	175.4|	31.1|	0.0|	183.5|		
| 5- 1|	|si| 9|	Ty	8.7|	0.0|	154.4|	267.6|		
| 5- 1|	|si|10|	Si	16.9|	0.0|	154.4|	268.0|		
-----							PROGR.	280.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-36662.8|	-944.3|	0.8|	169.6|	13.5|	-944.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| 812.9|	0.0|	0.0|	812.9|		
| 5- 1|	|si| 6|	Tz	735.1|	41.1|	0.0|	738.5|		
| 5- 1|	|si| 9|	Ty	5.3|	0.0|	205.3|	355.7|		
-----							PROGR.	
VERIFICA STABILITA` :								
|L0 =	280. |							
Z |Lc =	280. |Ro =	4.90|lm =	57.1|Ncr=	84177.2|	alfa(a) =	0.2100|ki=0.8668|		
Y |Lc =	280. |Ro =	1.45|lm =	193.6|Ncr=	7316.3|	alfa(b) =	0.3400|ki=0.1722|		
Casol2-11 - Nodo 1 - Asse Y								
Ned =	-130.0|Mzeq =	4432.8|Myeq =	-421.8|Ss =	-190.4	(0.073)			

P_IPE120_S009 (9)	stato limite ultimo - ASTA (530- 313)						2084	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-36630.9|	-413.9|	0.0|	159.6|	-11.6|	1068.4|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 5- 1|	|si| 2|	Sx	Si| 750.2|	0.0|	0.0|	750.2|		
| 5- 1|	|si| 6|	Tz	716.1|	-45.5|	0.0|	720.4|		
| 5- 1|	|si| 9|	Ty	8.8|	0.0|	-232.0|	402.0|		
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 2|	1746.3|	647.2|	0.0|	-21.0|	17.3|	96.1|		
| 5- 1|	-3339.9|	-53.4|	0.0|	159.6|	-9.0|	834.0|		
TENSIONI (Sz= 0.00) :								
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |		
| 7- 2|	|si| 2|	Sx	Si| -109.3|	0.0|	0.0|	109.3|		
| 5- 1|	|si| 6|	Tz	76.8|	-35.5|	0.0|	98.3|		
| 5- 1|	|si| 9|	Ty	11.6|	0.0|	-181.1|	313.9|		
| 5- 1|	|si|10|	Si	12.5|	0.0|	-181.1|	314.0|		
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
6- 1	22054.4	204.1	0.0	112.8	1.0	598.1		

Copertura area carburante - Relazione di calcolo

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| 5- 1|      21747.6|      218.8|      0.0|      159.6|      -6.5|      599.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si|      447.7|      0.0|      0.0|      447.7|
| 5- 1|si| 6|  Tz |      -405.0|      -25.5|      0.0|      407.4|
| 5- 1|si| 9|  Ty |      13.8|      0.0|      -130.2|      226.0|
-----
PROGR.      105.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      38631.6|      402.8|      0.0|      159.6|      -4.0|      365.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      786.6|      0.0|      0.0|      786.6|
| 5- 1|si| 6|  Tz |      -729.3|      -15.5|      0.0|      729.8|
| 5- 1|si| 9|  Ty |      15.3|      0.0|      -79.3|      138.2|
-----
PROGR.      140.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      47312.2|      498.7|      0.0|      159.6|      -1.5|      130.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      961.2|      0.0|      0.0|      961.2|
| 5- 1|si| 6|  Tz |      -896.0|      -5.6|      0.0|      896.1|
| 5- 1|si| 9|  Ty |      16.0|      0.0|      -28.4|      51.8|
-----
PROGR.      175.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      47789.4|      506.3|      0.0|      159.6|      1.0|      -103.6|
| 6- 1|      47942.8|      102.1|      0.0|      105.2|      1.0|      -105.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      971.1|      0.0|      0.0|      971.1|
| 6- 1|si| 6|  Tz |      -898.8|      4.4|      0.0|      898.9|
| 6- 1|si| 9|  Ty |      8.8|      0.0|      22.8|      40.5|
-----
PROGR.      210.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      40063.0|      425.7|      0.0|      159.6|      3.6|      -337.9|
| 6- 1|      40165.3|      68.0|      0.0|      102.7|      1.0|      -339.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      816.2|      0.0|      0.0|      816.2|
| 5- 1|si| 6|  Tz |      -757.0|      14.4|      0.0|      757.4|
| 6- 1|si| 9|  Ty |      8.3|      0.0|      73.7|      127.9|
-----
PROGR.      245.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      24133.3|      257.0|      0.0|      159.6|      6.1|      -572.3|
| 6- 1|      24184.4|      34.0|      0.0|      100.2|      1.0|      -573.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      496.5|      0.0|      0.0|      496.5|
| 5- 1|si| 6|  Tz |      -451.2|      24.3|      0.0|      453.2|
| 6- 1|si| 9|  Ty |      7.8|      0.0|      124.6|      216.0|
-----
PROGR.      280.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 8|      0.0|      0.0|      0.0|      350.0|      -0.3|      -136.7|
| 5- 1|      0.0|      0.0|      0.0|      159.6|      8.6|      -806.7|
| 6- 1|      0.0|      0.0|      0.0|      97.6|      1.0|      -808.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12- 8|si| 3|Sx  Si|      26.4|      0.0|      0.0|      26.4|
| 5- 1|si| 6|  Tz |      12.1|      34.3|      0.0|      60.6|
| 6- 1|si| 9|  TySi|      7.4|      0.0|      175.5|      304.1|
-----
PROGR.      0.

VERIFICA STABILITA` :
|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr=      84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr=      7316.3|alfa(b)=0.3400|ki=0.1722|
Casol2-11 - Nodo 2 - Asse Y
Ned =      -282.4|Mzeq =      6571.1|Myeq =      223.6|Ss =      -275.1 ( 0.105)

P_IPE120_S009 ( 9)      stato limite ultimo - ASTA ( 313- 582)      2085
-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 6|      0.0|      0.0|      -1.2|      181.3|      -0.9|      139.8|
| 5- 1|      0.0|      0.0|      -4.9|      146.8|      -7.2|      805.3|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 12- 6|si| 1|Sx  Si|      13.7|      0.0|      0.0|      13.7|
| 5- 1|si| 6|  Tz |      11.1|      -36.4|      0.0|      63.9|
| 5- 1|si| 9|  TySi|      11.1|      0.0|      -176.5|      306.0|
-----
PROGR.      35.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      24083.4|      206.9|      -4.9|      146.8|      -4.7|      570.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      488.8|      0.0|      0.0|      488.8|
| 5- 1|si| 6|  Tz |      -449.6|      -26.4|      0.0|      451.9|
| 5- 1|si| 9|  Ty |      12.7|      0.0|      -125.6|      218.0|
-----
PROGR.      70.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      39963.4|      325.6|      -4.9|      146.8|      -2.1|      336.5|
TENSIONI (Sz=      0.00) :

```

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	801.8	0.0	0.0	801.8
5-1	|si	6	Tz	-752.8	-16.4	0.0	753.3
5-1	|si	9	Ty	13.7	0.0	-74.7	130.1

PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	47639.9	356.1	-4.9	146.8	0.4	102.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	950.0	0.0	0.0	950.0
5-1	|si	5	Tz	-874.8	6.6	0.0	874.8
5-1	|si	9	Ty	13.9	0.0	-23.8	43.5

PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	47112.9	298.4	-4.9	146.8	2.9	-132.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	933.4	0.0	0.0	933.4
5-1	|si	6	Tz	-886.6	8.2	0.0	886.7
5-1	|si	9	Ty	13.5	0.0	30.4	54.3

PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	38382.4	152.6	-4.9	146.8	5.4	-366.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	752.0	0.0	0.0	752.0
5-1	|si	6	Tz	-717.2	18.2	0.0	717.9
5-1	|si	9	Ty	12.3	0.0	81.3	141.3

PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	21448.5	-81.5	-4.9	146.8	7.9	-601.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	3	Sx	424.7	0.0	0.0	424.7
5-1	|si	6	Tz	-390.4	28.2	0.0	393.4
5-1	|si	9	Ty	10.4	0.0	132.2	229.2

PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-3156.9	-570.0	-4.8	131.1	17.0	-746.5
5-1	-3688.8	-403.8	-4.9	146.8	10.5	-835.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	2	Sx	135.3	0.0	0.0	135.3
5-1	|si	6	Tz	94.0	38.1	0.0	114.9
5-1	|si	9	Ty	7.9	0.0	183.1	317.2
5-1	|si	10	Si	14.3	0.0	183.1	317.4

PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-37029.7	-814.3	-4.9	146.8	13.0	-1069.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	2	Sx	803.0	0.0	0.0	803.0
5-1	|si	6	Tz	735.9	48.1	0.0	740.6
5-1	|si	9	Ty	4.6	0.0	234.0	405.3

VERIFICA STABILITA` :

|L0 = 280.0
 Z |Lc = 280.0 |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a)=0.2100 |ki=0.8668 |
 Y |Lc = 280.0 |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b)=0.3400 |ki=0.1722 |
 Caso 3- 2 - Nodo 2 - Asse Y
 Ned = -10.2 |Mzeq = 10242.6 |Myeq = 448.8 |Ss = -249.5 (0.095)

P_IPE120_S009 (9) stato limite ultimo - ASTA (582- 583) 2086
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-36944.7	293.5	-0.5	120.9	2.1	934.6
5-1	-37058.5	-104.3	-0.6	149.0	-7.4	935.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	1	Sx	739.2	0.0	0.0	739.2
5-1	|si	6	Tz	713.0	-39.6	0.0	716.3
5-1	|si	9	Ty	10.4	0.0	-203.3	352.3

PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-8335.0	218.9	-0.5	118.3	2.1	700.2
5-1	-8425.6	111.1	-0.6	149.0	-4.9	700.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	1	Sx	191.3	0.0	0.0	191.3
5-1	|si	6	Tz	166.3	-29.6	0.0	174.1
5-1	|si	9	Ty	12.1	0.0	-152.4	264.3

PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	12003.8	238.3	-0.6	149.0	-2.4	466.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	265.0	0.0	0.0	265.0
5-1	|si	6	Tz	-222.9	-19.7	0.0	225.4
5-1	|si	9	Ty	13.2	0.0	-101.5	176.3

Copertura area carburante - Relazione di calcolo

-----								PROGR.	105.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	24229.7|	277.3|	-0.6|	149.0|	0.1|	232.1|			
| 6- 1|	24274.1|	69.8|	-0.5|	113.3|	2.1|	231.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	499.9|	0.0|	0.0|	499.9|			
| 6- 1|	si| 5| Tz		-446.5|	10.0|	0.0|	446.9|			
| 5- 1|	si| 9| Ty		13.5|	0.0|	-50.6|	88.7|			
-----								PROGR.	140.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	28252.2|	228.1|	-0.6|	149.0|	2.7|	-2.3|			
| 12-16|	4907.5|	-10.3|	-0.1|	-102.3|	9.3|	3.0|			
| 8- 1|	25483.7|	-3.3|	-0.5|	71.6|	1.1|	-3.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	570.0|	0.0|	0.0|	570.0|			
| 12-16|	si| 5| Tz		-100.6|	1.8|	0.0|	100.6|			
| 8- 1|	si| 9| Ty		5.4|	0.0|	0.8|	5.6|			
-----								PROGR.	175.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	24071.2|	90.7|	-0.6|	149.0|	5.2|	-236.6|			
| 6- 1|	24069.3|	-79.4|	-0.5|	108.3|	2.1|	-237.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 4|Sx	Si	475.3|	0.0|	0.0|	475.3|			
| 5- 1|	si| 6| Tz		-445.3|	10.8|	0.0|	445.7|			
| 6- 1|	si| 9| Ty		7.5|	0.0|	51.7|	89.9|			
-----								PROGR.	210.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	11686.8|	-135.0|	-0.6|	149.0|	7.7|	-471.0|			
| 6- 1|	11661.7|	-154.0|	-0.5|	105.7|	2.1|	-471.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 3|Sx	Si	247.1|	0.0|	0.0|	247.1|			
| 5- 1|	si| 6| Tz		-204.5|	20.8|	0.0|	207.6|			
| 6- 1|	si| 9| Ty		6.8|	0.0|	102.6|	177.9|			
-----								PROGR.	245.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-8901.1|	-448.8|	-0.6|	149.0|	10.2|	-705.4|			
| 6- 1|	-8949.3|	-228.6|	-0.5|	103.2|	2.1|	-706.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 2|Sx		230.9|	0.0|	0.0|	230.9|			
| 5- 1|	si| 6| Tz		193.9|	30.7|	0.0|	201.1|			
| 6- 1|	si| 9| Ty		6.0|	0.0|	153.5|	266.0|			
| 5- 1|	si| 12| Si		145.4|	0.0|	129.2|	266.9|			
-----								PROGR.	280.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-37692.5|	-850.8|	-0.6|	149.0|	12.7|	-939.8|			
| 6- 1|	-37763.8|	-303.1|	-0.5|	100.7|	2.1|	-940.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 5- 1|	si| 2|Sx	Si	819.9|	0.0|	0.0|	819.9|			
| 5- 1|	si| 6| Tz		749.8|	40.7|	0.0|	753.1|			
| 6- 1|	si| 9| Ty		5.2|	0.0|	204.4|	354.1|			

VERIFICA STABILITA` :									
|L0 = 280.1									
Z	|Lc = 280.1	Ro = 4.90	lm = 57.1	Ncr = 84177.2	alfa(a) = 0.2100	ki = 0.8668			
Y	|Lc = 280.1	Ro = 1.45	lm = 193.6	Ncr = 7316.3	alfa(b) = 0.3400	ki = 0.1722			
Caso12-11 - Nodo 4 - Asse Y									
Ned = -238.7 | Mzeq = -4987.8 | Myeq = -508.8 | Ss = -259.8 (0.099)									
P_IPE120_S009 (9) stato limite ultimo - ASTA (583- 584)								2087	
-----								PROGR.	0.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	-37767.0|	337.8|	0.3|	106.0|	2.4|	945.6|			
| 5- 1|	-37694.4|	-9.2|	0.4|	129.2|	-6.8|	943.8|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 1|Sx	Si	758.7|	0.0|	0.0|	758.7|			
| 5- 1|	si| 6| Tz		720.4|	-39.8|	0.0|	723.7|			
| 6- 1|	si| 9| Ty		10.7|	0.0|	-205.5|	356.1|			
-----								PROGR.	35.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	-8771.4|	255.2|	0.3|	103.4|	2.4|	711.3|			
| 5- 1|	-8761.8|	185.2|	0.4|	129.2|	-4.3|	709.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|	si| 1|Sx		202.6|	0.0|	0.0|	202.6|			
| 5- 1|	si| 6| Tz		168.7|	-29.8|	0.0|	176.4|			
| 6- 1|	si| 9| TySi		9.8|	0.0|	-154.6|	267.9|			
-----								PROGR.	70.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	11967.4|	291.4|	0.4|	129.2|	-1.8|	475.1|			
| 6- 1|	12020.7|	172.5|	0.3|	100.9|	2.4|	476.9|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 4|Sx	Si	269.0|	0.0|	0.0|	269.0|			
| 6- 1|si| 5| Tz		-213.1|	20.0|	0.0|	215.9|			
| 6- 1|si| 9| Ty		9.0|	0.0|	-103.7|	179.8|			
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	24493.2|	309.3|	0.4|	129.2|	0.7|	240.7|		
| 6- 1|	24609.3|	89.9|	0.3|	98.4|	2.4|	242.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	507.1|	0.0|	0.0|	507.1|			
| 6- 1|si| 5| Tz		-453.3|	10.4|	0.0|	453.7|			
| 6- 1|si| 9| Ty		8.1|	0.0|	-52.8|	91.8|			
-----							PROGR.	140.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	28815.5|	239.1|	0.4|	129.2|	3.3|	6.3|		
| 12-16|	5992.9|	-7.4|	0.0|	-11.0|	9.7|	4.8|		
| 6- 1|	28994.4|	7.2|	0.3|	95.9|	2.4|	8.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	580.4|	0.0|	0.0|	580.4|			
| 12-16|si| 5| Tz		-114.0|	1.8|	0.0|	114.0|			
| 6- 1|si| 9| Ty		7.3|	0.0|	-1.9|	8.0|			
-----							PROGR.	175.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	25176.1|	-75.5|	0.3|	93.4|	2.4|	-226.3|		
| 5- 1|	24934.3|	80.7|	0.4|	129.2|	5.8|	-228.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	490.2|	0.0|	0.0|	490.2|			
| 5- 1|si| 6| Tz		-462.8|	10.5|	0.0|	463.1|			
| 5- 1|si| 9| Ty		10.4|	0.0|	49.7|	86.7|			
-----							PROGR.	210.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 6- 1|	13154.4|	-158.1|	0.3|	90.8|	2.4|	-460.7|		
| 5- 1|	12849.7|	-165.9|	0.4|	129.2|	8.3|	-462.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|si| 3|Sx	Si	273.0|	0.0|	0.0|	273.0|			
| 5- 1|si| 6| Tz		-226.9|	20.4|	0.0|	229.6|			
| 5- 1|si| 9| Ty		8.4|	0.0|	100.6|	174.4|			
-----							PROGR.	245.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-7438.4|	-500.7|	0.4|	129.2|	10.8|	-696.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	207.8|	0.0|	0.0|	207.8|			
| 5- 1|si| 6| Tz		166.6|	30.4|	0.0|	174.7|			
| 5- 1|si| 9| Ty		5.8|	0.0|	151.5|	262.4|			
| 5- 1|si|10| Si		13.7|	0.0|	151.5|	262.7|			
-----							PROGR.	280.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-35930.0|	-923.8|	0.4|	129.2|	13.3|	-931.2|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	793.6|	0.0|	0.0|	793.6|			
| 5- 1|si| 6| Tz		717.5|	40.4|	0.0|	720.9|			
| 5- 1|si| 9| Ty		2.4|	0.0|	202.4|	350.5|			
-----							PROGR.	350.
VERIFICA STABILITA` :								
|L0 = 280. |								
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|								
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|								
Caso 3- 2 - Nodo 3 - Asse Y								
Ned = -40.3|Mzeq = -7206.2|Myeq = 523.9|Ss = -214.5 (0.082)								
P_IPE120_S009 (9) stato limite ultimo - ASTA (584- 331) 2088								
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-35902.8|	-429.7|	0.0|	108.3|	-11.6|	1065.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	734.4|	0.0|	0.0|	734.4|			
| 5- 1|si| 6| Tz		699.0|	-45.4|	0.0|	703.4|			
| 5- 1|si| 9| Ty		4.8|	0.0|	-231.5|	400.9|			
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 7- 2|	1910.0|	586.4|	0.0|	-94.7|	17.1|	95.4|		
| 5- 1|	-2702.8|	-67.3|	0.0|	108.3|	-9.1|	831.4|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 7- 2|si| 2|Sx	Si	-111.0|	0.0|	0.0|	111.0|			
| 5- 1|si| 6| Tz		61.4|	-35.4|	0.0|	86.7|			
| 5- 1|si| 9| Ty		7.6|	0.0|	-180.6|	312.8|			
| 5- 1|si|10| Si		8.7|	0.0|	-180.6|	312.9|			
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	22293.7|	206.9|	0.0|	108.3|	-6.6|	597.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 4|Sx	Si	452.2|	0.0|	0.0|	452.2|
| 5- 1|si| 6| Tz		-418.8|	-25.4|	0.0|	421.1|
| 5- 1|si| 9| Ty		9.8|	0.0|	-129.7|	224.8|

----- PROGR. 105.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	39086.7|	392.9|	0.0|	108.3|	-4.1|	362.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	790.1|	0.0|	0.0|	790.1|
| 5- 1|si| 6| Tz		-741.4|	-15.4|	0.0|	741.9|
| 5- 1|si| 9| Ty		11.3|	0.0|	-78.8|	136.9|

----- PROGR. 140.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	47676.3|	490.7|	0.0|	108.3|	-1.5|	128.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	963.3|	0.0|	0.0|	963.3|
| 5- 1|si| 6| Tz		-906.5|	-5.5|	0.0|	906.6|
| 5- 1|si| 9| Ty		12.1|	0.0|	-27.8|	49.7|

----- PROGR. 175.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	48062.4|	500.4|	0.0|	108.3|	1.0|	-106.2|
| 6- 1|	48224.4|	75.8|	0.0|	78.4|	0.7|	-107.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	971.7|	0.0|	0.0|	971.7|
| 6- 1|si| 6| Tz		-905.3|	4.5|	0.0|	905.3|
| 6- 1|si| 9| Ty		6.5|	0.0|	23.4|	41.0|

----- PROGR. 210.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	40245.1|	421.8|	0.0|	108.3|	3.5|	-340.5|
| 6- 1|	40353.1|	50.6|	0.0|	75.9|	0.7|	-342.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	815.3|	0.0|	0.0|	815.3|
| 5- 1|si| 6| Tz		-764.2|	14.5|	0.0|	764.6|
| 6- 1|si| 9| Ty		6.1|	0.0|	74.3|	128.8|

----- PROGR. 245.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	24224.3|	255.0|	0.0|	108.3|	6.0|	-574.9|
| 6- 1|	24278.3|	25.3|	0.0|	73.3|	0.7|	-576.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	494.1|	0.0|	0.0|	494.1|
| 5- 1|si| 6| Tz		-456.8|	24.4|	0.0|	458.7|
| 6- 1|si| 9| Ty		5.7|	0.0|	125.2|	216.9|

----- PROGR. 280.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12- 6|	0.0|	0.0|	0.0|	272.8|	-0.8|	-134.7|
| 5- 1|	0.0|	0.0|	0.0|	108.3|	8.5|	-809.3|
| 6- 1|	0.0|	0.0|	0.0|	70.8|	0.7|	-810.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 12- 6|si| 3|Sx		20.6|	0.0|	0.0|	20.6|
| 5- 1|si| 6| Tz		8.2|	34.4|	0.0|	60.1|
| 6- 1|si| 9| TySi		5.4|	0.0|	176.1|	305.1|

VERIFICA STABILITA` :

|L0 = 280.1
 Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 5- 2 - Nodo 2 - Asse Y
 Ned = -9.4|Mzeq = 19907.0|Myeq = 662.9|Ss = -456.0 (0.174)

P_IPE120_S009 (9) stato limite ultimo - ASTA (331- 632) 2089
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12- 6|	0.0|	0.0|	-1.2|	366.1|	-0.8|	145.0|
| 5- 1|	0.0|	0.0|	-4.9|	95.6|	-7.6|	833.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 12- 6|si| 1|Sx		27.7|	0.0|	0.0|	27.7|
| 5- 1|si| 6| Tz		7.2|	-37.6|	0.0|	65.5|
| 5- 1|si| 9| TySi		7.2|	0.0|	-182.6|	316.4|

----- PROGR. 36.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	25807.7|	229.0|	-4.9|	95.6|	-5.0|	590.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	520.0|	0.0|	0.0|	520.0|
| 5- 1|si| 6| Tz		-486.7|	-27.3|	0.0|	489.0|
| 5- 1|si| 9| Ty		9.0|	0.0|	-129.9|	225.2|

----- PROGR. 72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	42815.6|	363.3|	-4.9|	95.6|	-2.4|	347.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	856.0|	0.0|	0.0|	856.0|
| 5- 1|si| 6| Tz		-811.6|	-17.0|	0.0|	812.2|

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 9| Ty | 10.1| 0.0| -77.2| 134.1|
----- PROGR. 109.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 51023.5| 403.1| -4.9| 95.6| 0.2| 105.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	1015.3	0.0	0.0	1015.3
5- 1	si	5	Tz	-940.8	6.7	0.0	940.9
5- 1	si	9	Ty	10.4	0.0	-24.5	43.7

----- PROGR. 145.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 50431.6| 348.2| -4.9| 95.6| 2.8| -137.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	997.8	0.0	0.0	997.8
5- 1	si	6	Tz	-954.7	8.5	0.0	954.8
5- 1	si	9	Ty	10.0	0.0	31.6	55.6

----- PROGR. 181.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 41039.8| 198.7| -4.9| 95.6| 5.4| -380.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	803.5	0.0	0.0	803.5
5- 1	si	6	Tz	-772.7	18.8	0.0	773.4
5- 1	si	9	Ty	8.8	0.0	84.3	146.3

----- PROGR. 218.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 22848.0| -45.3| -4.9| 95.6| 8.0| -623.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	3	Sx Si	443.0	0.0	0.0	443.0
5- 1	si	6	Tz	-421.8	29.1	0.0	424.8
5- 1	si	9	Ty	6.9	0.0	137.0	237.4

----- PROGR. 254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-3424.0	-592.3	-4.9	89.8	17.6	-773.4
5- 1	-4143.6	-384.0	-4.9	95.6	10.6	-866.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	si	2	Sx	139.8	0.0	0.0	139.8
5- 1	si	6	Tz	98.1	39.4	0.0	119.5
5- 1	si	9	Ty	4.2	0.0	189.7	328.7
5- 1	si	10	Si	10.3	0.0	189.7	328.8

----- PROGR. 290.

SOLLECITAZIONI :

| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -39935.1| -817.4| -4.9| 95.6| 13.3| -1108.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx Si	854.2	0.0	0.0	854.2
5- 1	si	6	Tz	786.9	49.8	0.0	791.6
5- 1	si	9	Ty	0.7	0.0	242.5	419.9

VERIFICA STABILITA` :

|L0 = 290. |
Z |Lc = 290. |Ro = 4.90 |lm = 59.1 |Ncr= 78472.0 |alfa(a)=0.2100 |ki=0.8565 |
Y |Lc = 290. |Ro = 1.45 |lm = 200.6 |Ncr= 6820.4 |alfa(b)=0.3400 |ki=0.1615 |
Caso 5- 2 - Nodo 2 - Asse Y
Ned = -19.3 |Mzeq = 20773.1 |Myeq = 529.2 |Ss = -461.9 (0.176)

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----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-39968.5	-257.7	-0.3	110.3	-8.7	964.1
6- 1	-40016.7	96.7	-0.4	106.6	0.7	966.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx Si	791.3	0.0	0.0	791.3
5- 1	si	6	Tz	770.0	-40.9	0.0	773.3
6- 1	si	9	Ty	8.8	0.0	-209.9	363.7

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-9399.4	71.7	-0.4	104.0	0.7	723.2
5- 1	-9421.6	10.5	-0.3	110.3	-6.1	721.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	193.3	0.0	0.0	193.3
5- 1	si	6	Tz	185.5	-30.5	0.0	192.9
6- 1	si	9	TySi	8.4	0.0	-157.2	272.4

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	12325.4	184.2	-0.3	110.3	-3.5	478.5
6- 1	12418.0	46.6	-0.4	101.4	0.7	480.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx Si	261.9	0.0	0.0	261.9
5- 1	si	6	Tz	-230.0	-20.2	0.0	232.7
6- 1	si	9	Ty	8.0	0.0	-104.5	181.1

----- PROGR. 109.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	25272.6	263.2	-0.3	110.3	-0.9	235.8
6- 1	25435.6	21.5	-0.4	98.8	0.7	237.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	515.0	0.0	0.0	515.0
6- 1	si	5	Tz		-471.1	10.0	0.0	471.4
6- 1	si	9	Ty		7.6	0.0	-51.8	90.0

PROGR. 145.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	29419.8	247.6	-0.3	110.3	1.7	-7.0
12-16	5616.8	-2.2	-0.1	-188.7	9.0	5.8
11- 2	4934.7	-0.4	0.1	159.9	-2.9	-9.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	591.3	0.0	0.0	591.3
12-16	si	5	Tz		-120.2	1.8	0.0	120.2
11- 2	si	9	Ty		12.1	0.0	2.1	12.6

PROGR. 181.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	24767.2	137.4	-0.3	110.3	4.3	-249.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	490.9	0.0	0.0	490.9
5- 1	si	6	Tz		-462.9	11.1	0.0	463.3
5- 1	si	9	Ty		9.4	0.0	54.3	94.6

PROGR. 218.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	11688.9	-53.8	-0.4	90.9	0.7	-490.5
5- 1	11314.7	-67.4	-0.3	110.3	7.0	-492.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx		233.3	0.0	0.0	233.3
5- 1	si	6	Tz		-202.6	21.4	0.0	206.0
5- 1	si	9	Ty		7.8	0.0	107.1	185.6
6- 1	si	14	Si		178.7	0.0	89.9	237.0

PROGR. 254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-10937.7	-366.8	-0.3	110.3	9.6	-735.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx		256.8	0.0	0.0	256.8
5- 1	si	6	Tz		226.6	31.7	0.0	233.2
5- 1	si	9	Ty		5.4	0.0	159.8	276.8
5- 1	si	12	Si		171.7	0.0	134.6	289.5

PROGR. 290.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-41990.0	-760.8	-0.3	110.3	12.2	-978.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	887.5	0.0	0.0	887.5
5- 1	si	6	Tz		824.9	42.0	0.0	828.1
5- 1	si	9	Ty		2.3	0.0	212.5	368.1

VERIFICA STABILITA` :

L0 = 290.1
 Z |Lc = 290. |Ro = 4.90 |lm = 59.1 |Ncr= 78472.0 |alfa(a)=0.2100 |ki=0.8565 |
 Y |Lc = 290. |Ro = 1.45 |lm = 200.6 |Ncr= 6820.4 |alfa(b)=0.3400 |ki=0.1615 |
 Caso 5- 2 - Nodo 3 - Asse Y
 Ned = -8.1 |Mzeq = -15753.1 |Myeq = 499.9 |Ss = -358.5 (0.137)

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 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-41963.0	-562.8	0.0	104.9	-12.4	1115.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	863.7	0.0	0.0	863.7
5- 1	si	6	Tz		817.4	-47.5	0.0	821.5
5- 1	si	9	Ty		3.4	0.0	-242.3	419.7

PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-5556.7	-399.0	0.0	96.1	-16.8	781.8
5- 1	-5918.0	-161.3	0.0	104.9	-9.8	873.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
7- 1	si	2	Sx		158.1	0.0	0.0	158.1
5- 1	si	6	Tz		124.8	-37.2	0.0	140.4
5- 1	si	9	Ty		6.6	0.0	-189.6	328.4
5- 1	si	10	Si		9.2	0.0	-189.6	328.5

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	21713.9	85.9	0.0	102.8	0.4	628.4
5- 1	21327.1	145.6	0.0	104.9	-7.2	630.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	426.9	0.0	0.0	426.9
5- 1	si	6	Tz		-398.8	-26.9	0.0	401.5
5- 1	si	9	Ty		9.1	0.0	-136.9	237.2

PROGR. 109.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	39772.3|	357.9|	0.0|	104.9|	-4.6|	387.5|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si| 798.7|	0.0|	0.0|	798.7|			
| 5- 1|	si| 6| Tz	-753.4|	-16.5|	0.0|	754.0|			
| 5- 1|	si| 9| Ty	10.8|	0.0|	-84.1|	146.1|			
							145.	

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	49417.6|	475.5|	0.0|	104.9|	-1.9|	144.7|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si| 994.1|	0.0|	0.0|	994.1|			
| 5- 1|	si| 6| Tz	-939.1|	-6.2|	0.0|	939.1|			
| 5- 1|	si| 9| Ty	11.7|	0.0|	-31.4|	55.7|			
							181.	

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	50263.0|	498.6|	0.0|	104.9|	0.7|	-98.1|		
| 6- 1|	50456.4|	42.9|	0.0|	94.9|	0.4|	-99.8|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si| 1012.7|	0.0|	0.0|	1012.7|			
| 6- 1|	si| 6| Tz	-945.0|	4.1|	0.0|	945.1|			
| 6- 1|	si| 9| Ty	7.5|	0.0|	21.7|	38.3|			
							218.	

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	42308.6|	427.0|	0.0|	104.9|	3.3|	-340.8|		
| 6- 1|	42437.5|	28.6|	0.0|	92.3|	0.4|	-342.6|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si| 854.5|	0.0|	0.0|	854.5|			
| 5- 1|	si| 6| Tz	-803.5|	14.4|	0.0|	803.9|			
| 6- 1|	si| 9| Ty	7.2|	0.0|	74.4|	129.1|			
							254.	

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	25554.2|	260.8|	0.0|	104.9|	5.9|	-583.6|		
| 6- 1|	25618.7|	14.3|	0.0|	89.7|	0.4|	-585.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si| 519.6|	0.0|	0.0|	519.6|			
| 5- 1|	si| 6| Tz	-482.3|	24.8|	0.0|	484.2|			
| 6- 1|	si| 9| Ty	6.9|	0.0|	127.1|	220.3|			
							290.	

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 11- 2|	0.0|	0.0|	0.0|	127.5|	-0.6|	-135.4|		
| 5- 1|	0.0|	0.0|	0.0|	104.9|	8.5|	-826.3|		
| 6- 1|	0.0|	0.0|	0.0|	87.1|	0.4|	-828.1|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 11- 2|	si| 2|Sx	9.6|	0.0|	0.0|	9.6|			
| 5- 1|	si| 6| Tz	7.9|	35.1|	0.0|	61.3|			
| 6- 1|	si| 9| TySi	6.6|	0.0|	179.8|	311.6|			

VERIFICA STABILITA` :								
|L0 =	290. |							
Z |Lc =	290. |Ro = 4.90|lm = 59.1|Ncr=	78472.0|	alfa(a)=0.2100|	ki=0.8565|				
Y Lc =	290. Ro = 1.45 lm = 200.6 Ncr=	6820.4	alfa(b)=0.3400	ki=0.1615				
Caso 5- 2 -	Nodo 2 - Asse Y							
Ned =	-9.7	Mzeq = 20829.2	Myeq = 653.2	Ss = -472.7 (0.180)				

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							0.	

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11- 3	0.0	0.0	-2.3	138.3	-0.1	164.8		
5- 1	0.0	0.0	-5.6	94.4	-9.2	965.5		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 11- 3|	si| 1|Sx	10.5|	0.0|	0.0|	10.5|			
| 5- 1|	si| 6| Tz	7.1|	-43.6|	0.0|	75.8|			
| 5- 1|	si| 9| TySi	7.1|	0.0|	-211.6|	366.5|			
							42.	

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	34985.3|	325.1|	-5.6|	94.4|	-6.1|	680.9|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si| 704.0|	0.0|	0.0|	704.0|			
| 5- 1|	si| 6| Tz	-662.9|	-31.5|	0.0|	665.2|			
| 5- 1|	si| 9| Ty	9.7|	0.0|	-149.8|	259.6|			
							85.	

SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	57874.6|	520.1|	-5.6|	94.4|	-3.1|	396.3|		
TENSIONI (Sz= 0.00) :								
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si			
| 5- 1|	si| 4|Sx	Si| 1157.8|	0.0|	0.0|	1157.8|			
| 5- 1|	si| 6| Tz	-1100.7|	-19.4|	0.0|	1101.2|			
| 5- 1|	si| 9| Ty	11.3|	0.0|	-88.0|	152.8|			
							128.	

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		

Copertura area carburante - Relazione di calcolo

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| 5- 1|      68668.1|      585.0|      -5.6|      94.4|      0.0|      111.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      1368.7|      0.0|      0.0|      1368.7|
| 5- 1|si| 5|  Tz |      -1267.4|      7.3|      0.0|      1267.4|
| 5- 1|si| 9|  Ty |      11.8|      0.0|     -26.1|      46.8|
----- PROGR.      170.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      67365.6|      519.9|      -5.6|      94.4|      3.1|     -173.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      1336.6|      0.0|      0.0|      1336.6|
| 5- 1|si| 6|  Tz |      -1279.5|     10.3|      0.0|      1279.7|
| 5- 1|si| 9|  Ty |      11.3|      0.0|     39.5|      69.3|
----- PROGR.      212.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      53967.1|      324.8|      -5.6|      94.4|      6.1|     -457.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      1061.6|      0.0|      0.0|      1061.6|
| 5- 1|si| 6|  Tz |      -1020.6|     22.4|      0.0|      1021.3|
| 5- 1|si| 9|  Ty |      9.7|      0.0|     101.3|     175.7|
----- PROGR.      255.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      28486.3|      41.3|      -5.1|     86.1|     -0.2|     -742.1|
| 5- 1|      28472.8|      -0.4|      -5.6|     94.4|      9.2|     -742.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si|      548.1|      0.0|      0.0|      548.1|
| 5- 1|si| 6|  Tz |      -529.4|     34.5|      0.0|      532.7|
| 5- 1|si| 9|  Ty |      7.1|      0.0|     163.1|     282.5|
----- PROGR.      298.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      -7912.4|     -752.0|      -5.5|     86.8|     20.4|     -917.5|
| 5- 1|      -9117.5|     -455.7|      -5.6|     94.4|     12.2|     -1026.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 2|Sx  Si|      242.6|      0.0|      0.0|      242.6|
| 5- 1|si| 6|  Tz |      194.1|     46.6|      0.0|      210.2|
| 5- 1|si| 9|  Ty |      3.5|      0.0|     224.9|     389.5|
| 5- 1|si|10| Si|      10.8|      0.0|     224.9|     389.7|
----- PROGR.      340.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     -58803.7|     -1041.0|      -5.6|     94.4|     15.3|     -1311.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      1235.6|      0.0|      0.0|      1235.6|
| 5- 1|si| 6|  Tz |      1149.8|     58.7|      0.0|      1154.3|
| 5- 1|si| 9|  Ty |      -1.1|      0.0|     286.7|     496.6|
-----
VERIFICA STABILITA` :
|L0 = 340.1
Z |Lc = 340.1|Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
Y |Lc = 340.1|Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
Caso 5- 2 - Nodo 2 - Asse Y
Ned =      -14.2|Mzeq = 27939.3|Myeq = 772.2|Ss = -625.0 ( 0.239)
P_IPE120_S009 ( 9)      stato limite ultimo - ASTA ( 668- 669) 2093
----- PROGR.      0.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     -58842.7|     -550.4|      -0.2|     112.5|     -11.3|     1126.6|
| 6- 1|     -58826.5|      12.0|      -0.2|     128.6|      0.1|     1127.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      1180.9|      0.0|      0.0|      1180.9|
| 5- 1|si| 6|  Tz |      1135.6|     -47.9|      0.0|      1138.6|
| 6- 1|si| 9|  Ty |      9.8|      0.0|     -245.0|     424.4|
----- PROGR.      42.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     -17009.5|     -133.1|      -0.2|     112.5|     -8.3|     842.0|
| 6- 1|     -16954.0|      7.1|      -0.2|     125.5|      0.1|     842.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      344.4|      0.0|      0.0|      344.4|
| 5- 1|si| 6|  Tz |      333.4|     -35.8|      0.0|      339.1|
| 6- 1|si| 9|  Ty |      9.5|      0.0|     -183.1|     317.4|
| 5- 1|si|12| Si|      259.0|      0.0|     -154.1|     371.9|
----- PROGR.      85.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     12727.7|     154.1|      -0.2|     112.5|     -5.2|     557.4|
| 6- 1|     12822.6|      2.1|      -0.2|     122.5|      0.1|     558.3|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      266.2|      0.0|      0.0|      266.2|
| 5- 1|si| 6|  Tz |      -236.5|     -23.7|      0.0|      240.0|
| 6- 1|si| 9|  Ty |      9.3|      0.0|     -121.3|     210.4|
----- PROGR.      128.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     30369.1|     311.2|      -0.2|     112.5|     -2.2|     272.8|

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Copertura area carburante - Relazione di calcolo

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| 6- 1|      30503.2|      -2.9|      -0.2|      119.4|      0.1|      273.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      616.7|      0.0|      0.0|      616.7|
| 5- 1|si| 6|      Tz |      -574.1|      -11.6|      0.0|      574.5|
| 6- 1|si| 9|      Ty |      9.0|      0.0|      -59.5|      103.5|
-----
PROGR.      170.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      35914.5|      338.3|      -0.2|      112.5|      0.9|      -11.8|
| 12- 1|      6413.9|      -8.4|      0.0|      -259.9|      -5.3|      -6.7|
| 7- 1|      32155.8|      569.1|      -0.1|      102.8|      0.8|      -12.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      724.4|      0.0|      0.0|      724.4|
| 12- 1|si| 6|      Tz |      -140.8|      -1.2|      0.0|      140.8|
| 7- 1|si| 9|      Ty |      12.3|      0.0|      2.6|      13.1|
-----
PROGR.      212.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      29364.0|      235.4|      -0.2|      112.5|      4.0|      -296.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      589.0|      0.0|      0.0|      589.0|
| 5- 1|si| 6|      Tz |      -552.6|      12.8|      0.0|      553.1|
| 5- 1|si| 9|      Ty |      10.4|      0.0|      64.4|      112.1|
-----
PROGR.      255.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      10969.7|      -17.8|      -0.2|      110.2|      0.1|      -580.1|
| 5- 1|      10717.6|      2.4|      -0.2|      112.5|      7.0|      -581.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si|      217.1|      0.0|      0.0|      217.1|
| 5- 1|si| 6|      Tz |      -193.5|      24.9|      0.0|      198.3|
| 5- 1|si| 9|      Ty |      8.5|      0.0|      126.2|      218.8|
| 6- 1|si|14|      Si|      169.4|      0.0|      106.2|      250.0|
-----
PROGR.      298.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -20024.7|      -360.7|      -0.2|      112.5|      10.1|      -865.7|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      427.5|      0.0|      0.0|      427.5|
| 5- 1|si| 6|      Tz |      397.8|      37.0|      0.0|      403.0|
| 5- 1|si| 9|      Ty |      5.6|      0.0|      188.1|      325.8|
-----
PROGR.      340.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -62863.0|      -853.8|      -0.2|      112.5|      13.1|      -1150.3|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      1291.8|      0.0|      0.0|      1291.8|
| 5- 1|si| 6|      Tz |      1221.4|      49.1|      0.0|      1224.4|
| 5- 1|si| 9|      Ty |      1.7|      0.0|      249.9|      432.8|
-----
-----
VERIFICA STABILITA` :

|L0 = 340.0|
Z |Lc = 340.0|Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a )=0.2100|ki=0.7966|
Y |Lc = 340.0|Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b )=0.3400|ki=0.1204|
Caso 6- 2 - Nodo 4 - Asse Y
Ned = -14.6|Mzeq = -24675.8|Myeq = -155.3|Ss = -492.3 ( 0.188)

P_IPE120_S009 ( 9)      stato limite ultimo - ASTA ( 669- 367) 2094
-----
PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -62825.5|      -881.8|      0.0|      96.6|      -14.8|      1323.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      1293.1|      0.0|      0.0|      1293.1|
| 5- 1|si| 6|      Tz |      1220.5|      -56.4|      0.0|      1224.4|
| 5- 1|si| 9|      Ty |      0.3|      0.0|      -287.4|      497.7|
-----
PROGR.      42.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|      -11479.9|      -625.0|      0.0|      88.5|      -20.0|      929.5|
| 5- 1|      -12636.6|      -316.4|      0.0|      96.6|      -11.8|      1038.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 2|Sx  Si|      295.3|      0.0|      0.0|      295.3|
| 5- 1|si| 6|      Tz |      255.9|      -44.3|      0.0|      267.2|
| 5- 1|si| 9|      Ty |      4.8|      0.0|      -225.6|      390.7|
| 5- 1|si|10|      Si|      9.8|      0.0|      -225.6|      390.8|
-----
PROGR.      85.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      25456.4|      119.0|      0.0|      96.6|      -8.7|      754.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      500.7|      0.0|      0.0|      500.7|
| 5- 1|si| 6|      Tz |      -476.3|      -32.2|      0.0|      479.6|
| 5- 1|si| 9|      Ty |      8.2|      0.0|      -163.8|      283.7|
-----
PROGR.      128.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      51453.5|      424.3|      0.0|      96.6|      -5.7|      469.4|
TENSIONI (Sz=      0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	1025.9	0.0	0.0
5-1	|si	6	Tz		-976.4	-20.1	0.0
5-1	|si	9	Ty		10.7	0.0	-101.9

170.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	65354.6	599.5	0.0	96.6	-2.6	184.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	1308.1	0.0	0.0
5-1	|si	6	Tz		-1244.1	-8.0	0.0
5-1	|si	9	Ty		12.1	0.0	-40.1

212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	67159.9	644.7	0.0	96.6	0.5	-99.8
6-1	67284.1	31.3	0.0	105.8	0.2	-100.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	1347.4	0.0	0.0
6-1	|si	6	Tz		-1260.9	4.1	0.0
6-1	|si	9	Ty		8.2	0.0	21.9

255.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	56869.2	559.9	0.0	96.6	3.5	-384.4
6-1	56952.0	20.9	0.0	102.8	0.2	-385.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	1143.6	0.0	0.0
5-1	|si	6	Tz		-1082.9	16.2	0.0
6-1	|si	9	Ty		7.9	0.0	83.7

298.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	34482.5	345.0	0.0	96.6	6.6	-669.0
6-1	34524.0	10.4	0.0	99.7	0.2	-670.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	697.0	0.0	0.0
5-1	|si	6	Tz		-653.9	28.4	0.0
6-1	|si	9	Ty		7.6	0.0	145.5

340.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	0.0	0.0	0.0	283.2	0.7	-163.2
5-1	0.0	0.0	0.0	96.6	9.6	-953.7
6-1	0.0	0.0	0.0	96.6	0.2	-954.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	|si	4	Sx		21.4	0.0	0.0
5-1	|si	6	Tz		7.3	40.5	0.0
6-1	|si	9	TySi		7.3	0.0	207.3

359.2

VERIFICA STABILITA` :

L0 = 340.1
 Z |Lc = 340. |Ro = 4.90 |lm = 69.3 |Ncr = 57089.0 |alfa(a) = 0.2100 |ki = 0.7966 |
 Y |Lc = 340. |Ro = 1.45 |lm = 235.1 |Ncr = 4961.9 |alfa(b) = 0.3400 |ki = 0.1204 |
 Caso 5-2 - Nodo 2 - Asse Y
 Ned = -2.1 |Mzeq = 27510.9 |Myeq = 829.4 |Ss = -615.7 (0.235)

P_IPE120_S009 (9) stato limite ultimo - ASTA (367- 708) 2095
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	0.0	0.0	-1.4	135.6	0.6	151.8
5-1	0.0	0.0	-5.0	61.4	-8.5	904.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	|si	1	Sx		10.2	0.0	0.0
5-1	|si	6	Tz		4.6	-40.7	0.0
5-1	|si	9	TySi		4.6	0.0	-198.0

40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	30609.9	282.6	-5.0	61.4	-5.7	638.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	614.1	0.0	0.0
5-1	|si	6	Tz		-581.6	-29.4	0.0
5-1	|si	9	Ty		6.9	0.0	-140.3

79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	50665.1	451.8	-5.0	61.4	-2.8	372.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	1011.6	0.0	0.0
5-1	|si	6	Tz		-965.1	-18.1	0.0
5-1	|si	9	Ty		8.2	0.0	-82.5

119.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	60165.8	507.5	-5.0	61.4	0.0	106.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	1197.0	0.0	0.0

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 5|	Tz	| -1112.2|	6.8|	0.0|	1112.3|		
| 5- 1|si| 9|	Ty	| 8.7|	0.0|	-24.8|	43.8|		
-----							PROGR. 159.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 5- 1|	59111.8|	449.6|	-5.0|	61.4|	2.9|	-159.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 5- 1|si| 4|Sx	Si	| 1170.5|	0.0|	0.0|	1170.5|		
| 5- 1|si| 6|	Tz	| -1124.2|	9.4|	0.0|	1124.3|		
| 5- 1|si| 9|	Ty	| 8.2|	0.0|	36.3|	63.5|		
-----							PROGR. 199.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 5- 1|	47503.3|	278.4|	-5.0|	61.4|	5.7|	-425.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 5- 1|si| 4|Sx	Si	| 931.9|	0.0|	0.0|	931.9|		
| 5- 1|si| 6|	Tz	| -899.7|	20.7|	0.0|	900.5|		
| 5- 1|si| 9|	Ty	| 6.8|	0.0|	94.1|	163.1|		
-----							PROGR. 238.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 6- 1|	25464.3|	37.9|	-4.4|	80.5|	-0.2|	-690.7|	
| 5- 1|	25340.1|	-6.4|	-5.0|	61.4|	8.6|	-691.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 6- 1|si| 4|Sx	Si	| 490.3|	0.0|	0.0|	490.3|		
| 5- 1|si| 6|	Tz	| -472.6|	32.0|	0.0|	475.9|		
| 5- 1|si| 9|	Ty	| 4.6|	0.0|	151.8|	263.0|		
-----							PROGR. 278.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 7- 1|	-6440.1|	-672.0|	-5.0|	56.6|	19.1|	-855.4|	
| 5- 1|	-7377.7|	-404.6|	-5.0|	61.4|	11.5|	-957.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 7- 1|si| 2|Sx	Si	| 203.3|	0.0|	0.0|	203.3|		
| 5- 1|si| 6|	Tz	| 157.1|	43.3|	0.0|	174.1|		
| 5- 1|si| 9|	Ty	| 1.4|	0.0|	209.5|	362.9|		
| 5- 1|si|10|	Si	| 7.9|	0.0|	209.5|	363.0|		
-----							PROGR. 318.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 5- 1|	-50650.1|	-916.4|	-5.0|	61.4|	14.3|	-1222.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 5- 1|si| 2|Sx	Si	| 1065.0|	0.0|	0.0|	1065.0|		
| 5- 1|si| 6|	Tz	| 989.5|	54.6|	0.0|	994.0|		
| 5- 1|si| 9|	Ty	| -2.6|	0.0|	267.3|	463.0|		
-----							PROGR. 318.
VERIFICA STABILITA` :							
|L0 =	318. |						
Z |Lc =	318. |Ro = 4.90|lm = 64.8|Ncr=	65425.9|	alfa(a)=0.2100|	ki=0.8251|			
Y |Lc =	318. |Ro = 1.45|lm = 219.6|Ncr=	5686.5|	alfa(b)=0.3400|	ki=0.1366|			
Caso 5- 2 -	Nodo 2 -	Asse Y					
Ned =	-14.6|	Mzeq =	24554.9|	Myeq =	691.6|	Ss =	-551.1 (0.210)

P_IPE120_S009 (9)	stato limite ultimo - ASTA (708- 709)				2096		
-----							PROGR. 0.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 5- 1|	-50678.9|	-459.1|	-0.2|	46.8|	-10.5|	1077.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 5- 1|si| 2|Sx	Si	| 1011.6|	0.0|	0.0|	1011.6|		
| 5- 1|si| 6|	Tz	| 973.8|	-45.7|	0.0|	977.0|		
| 5- 1|si| 9|	Ty	| -0.1|	0.0|	-234.0|	405.3|		
-----							PROGR. 40.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 5- 1|	-13194.9|	-98.2|	-0.2|	46.8|	-7.7|	811.3|	
| 6- 1|	-13063.8|	12.2|	-0.2|	98.3|	0.1|	810.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 5- 1|si| 2|Sx	Si	| 263.5|	0.0|	0.0|	263.5|		
| 5- 1|si| 6|	Tz	| 255.4|	-34.4|	0.0|	262.3|		
| 5- 1|si| 9|	Ty	| 2.8|	0.0|	-176.3|	305.3|		
| 6- 1|si|11|	Si	| 199.1|	0.0|	-148.3|	325.0|		
-----							PROGR. 79.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 5- 1|	13734.5|	149.3|	-0.2|	46.8|	-4.8|	545.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 5- 1|si| 4|Sx	Si	| 279.6|	0.0|	0.0|	279.6|		
| 5- 1|si| 6|	Tz	| -260.2|	-23.1|	0.0|	263.3|		
| 5- 1|si| 9|	Ty	| 4.7|	0.0|	-118.5|	205.3|		
-----							PROGR. 119.
SOLLECITAZIONI :							
| Caso |	MZ	| MY	| MT	| N	| TZ	| TY	|
| 5- 1|	30109.2|	283.2|	-0.2|	46.8|	-1.9|	279.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	| Tz	| Ty	| Si	|		
| 5- 1|si| 4|Sx	Si	| 603.6|	0.0|	0.0|	603.6|		
| 5- 1|si| 6|	Tz	| -573.2|	-11.8|	0.0|	573.6|		
| 5- 1|si| 9|	Ty	| 5.8|	0.0|	-60.8|	105.4|		
-----							PROGR. 159.

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	35929.4	303.7	-0.2	46.8	0.9	13.7
12-14	6448.9	24.2	-0.1	18.7	4.9	6.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	715.7	0.0	0.0	715.7
12-14	si	5	Tz	-119.3	1.2	0.0	119.3	
5- 1	si	9	Ty	6.0	0.0	-3.0	7.9	

----- PROGR. 198.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	31194.9	210.7	-0.2	46.8	3.8	-252.2
6- 1	31191.8	-6.4	-0.2	86.9	0.1	-253.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	615.7	0.0	0.0	615.7
5- 1	si	6	Tz	-591.3	11.0	0.0	591.6	
6- 1	si	9	Ty	6.5	0.0	55.0	95.5	

----- PROGR. 238.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	15869.2	-11.1	-0.2	84.0	0.1	-518.9
5- 1	15905.8	4.3	-0.2	46.8	6.6	-518.0

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	306.7	0.0	0.0	306.7
5- 1	si	6	Tz	-296.3	22.3	0.0	298.8	
6- 1	si	9	Ty	6.3	0.0	112.7	195.4	
6- 1	si	8	Si	305.7	-21.2	0.0	307.9	

----- PROGR. 278.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	-9937.9	-315.7	-0.2	46.8	9.5	-783.9
6- 1	-10008.0	-15.8	-0.2	81.2	0.1	-784.7

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	227.3	0.0	0.0	227.3
5- 1	si	6	Tz	201.3	33.6	0.0	209.5	
6- 1	si	9	Ty	6.0	0.0	170.5	295.3	
6- 1	si	10	Si	6.3	0.0	170.5	295.3	

----- PROGR. 318.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	-46336.2	-749.1	-0.2	46.8	12.3	-1049.8
6- 1	-46439.8	-20.4	-0.2	78.3	0.1	-1050.6

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	963.3	0.0	0.0	963.3
5- 1	si	6	Tz	901.6	44.9	0.0	904.9	
6- 1	si	9	Ty	5.8	0.0	228.2	395.3	

VERIFICA STABILITA` :

|L0 = 318. |
 Z |Lc = 318. |Ro = 4.90 |lm = 64.8 |Ncr= 65425.9 |alfa(a) = 0.2100 |ki = 0.8251 |
 Y |Lc = 318. |Ro = 1.45 |lm = 219.6 |Ncr= 5686.5 |alfa(b) = 0.3400 |ki = 0.1366 |
 Caso 5- 2 - Nodo 3 - Asse Y
 Ned = -11.5 |Mzeq = -19849.4 |Myeq = 468.9 |Ss = -434.8 (0.166)

P_IPE120_S009 (9) stato limite ultimo - ASTA (709- 710) 2097
 ----- PROGR. 0.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	-46341.9	-414.5	1.3	27.6	-10.4	1096.3
6- 1	-46446.6	48.4	1.3	102.9	0.2	1097.1

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	2	Sx	Si	923.3	0.0	0.0	923.3
5- 1	si	6	Tz	889.1	-47.0	0.0	892.8	
6- 1	si	9	Ty	8.2	0.0	-238.7	413.5	

----- PROGR. 40.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
6- 1	-8168.7	42.2	1.3	100.1	0.2	831.3
5- 1	-8095.1	-58.2	1.3	27.6	-7.5	830.5

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	166.4	0.0	0.0	166.4
5- 1	si	6	Tz	156.6	-35.7	0.0	168.3	
6- 1	si	9	TySi	7.9	0.0	-181.0	313.5	

----- PROGR. 79.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	19597.2	184.6	1.3	27.6	-4.7	564.6
6- 1	19554.7	36.0	1.3	97.2	0.2	565.4

TENSIONI (Sz= 0.00) :
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5- 1	si	4	Sx	Si	392.7	0.0	0.0	392.7
5- 1	si	6	Tz	-373.3	-24.4	0.0	375.7	
6- 1	si	9	Ty	7.6	0.0	-123.2	213.6	

----- PROGR. 119.

SOLLECITAZIONI :
Caso	MZ	MY	MT	N	TZ	TY
5- 1	36734.8	314.0	1.3	27.6	-1.8	298.7
6- 1	36723.4	29.8	1.3	94.4	0.2	299.5

TENSIONI (Sz= 0.00) :
 | Caso | Ve | No | massimi | Sx | Tz | Ty | Si |
 | 5- 1 | si | 4 | Sx | Si | 730.6 | 0.0 | 0.0 | 730.6 |

Copertura area carburante - Relazione di calcolo

| 5- 1|si| 6|	Tz	|	-700.6|	-13.1|	0.0|	700.9|	
| 6- 1|si| 9|	Ty	|	7.4|	0.0|	-65.5|	113.6|	

----- PROGR. 159.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	43317.9|		329.8|		1.3|		27.6|		1.0|		32.9|
| 6- 1|	43337.6|		23.6|		1.3|		91.5|		0.2|		33.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	856.5|		0.0|		856.5|
| 5- 1|si| 5|	Tz	|	-803.2|		2.2|		803.2|
| 6- 1|si| 9|	Ty	|	7.1|		0.0|		-7.7|

----- PROGR. 199.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	39346.3|		232.2|		1.3|		27.6|		3.9|		-233.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 4|Sx	Si	|	770.4|		0.0|		770.4|
| 5- 1|si| 6|	Tz	|	-747.1|		10.8|		747.3|
| 5- 1|si| 9|	Ty	|	3.9|		0.0|		51.0|

----- PROGR. 238.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	24902.0|		11.2|		1.3|		85.8|		0.2|		-498.0|
| 5- 1|	24820.1|		21.1|		1.3|		27.6|		6.7|		-498.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 4|Sx	Si	|	477.0|		0.0|		477.0|
| 5- 1|si| 6|	Tz	|	-466.3|		22.1|		467.9|
| 5- 1|si| 9|	Ty	|	2.3|		0.0|		108.8|
| 6- 1|si| 7|	Si	|	476.1|		20.9|		0.0|

----- PROGR. 278.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 7- 2|	2357.6|		439.1|		0.2|		-40.7|		-15.0|		-91.1|
| 5- 1|	-260.6|		-303.5|		1.3|		27.6|		9.6|		-764.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 7- 2|si| 2|Sx	Si	|	-98.3|		0.0|		98.3|
| 5- 1|si| 6|	Tz	|	17.1|		33.4|		0.0|
| 5- 1|si| 9|	Ty	|	-0.3|		0.0|		166.5|
| 5- 1|si| 10|	Si	|	4.5|		0.0|		166.5|

----- PROGR. 318.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	-35896.0|		-741.5|		1.3|		27.6|		12.5|		-1030.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 2|Sx	Si	|	764.2|		0.0|		764.2|
| 5- 1|si| 6|	Tz	|	703.1|		44.7|		0.0|
| 5- 1|si| 9|	Ty	|	-3.8|		0.0|		224.3|

VERIFICA STABILITA` :

|L0 = 318. |

Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|

Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|

Caso 5- 2 - Nodo 3 - Asse Y

Ned = -12.3|Mzeq = -18361.7|Myeq = 484.4|Ss = -409.0 (0.156)

P_IPE120_S009 (9) stato limite ultimo - ASTA (710- 385) 2098
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 5- 1|	-35836.4|		-846.1|		0.0|		50.6|		-14.1|		1175.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 5- 1|si| 2|Sx	Si	|	776.9|		0.0|		776.9|
| 5- 1|si| 6|	Tz	|	707.2|		-50.2|		0.0|
| 5- 1|si| 9|	Ty	|	-2.9|		0.0|		-255.2|

----- PROGR. 40.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 7- 1|	4809.5|		-602.2|		0.0|		47.1|		-18.8|		813.8|
| 5- 1|	5491.3|		-344.1|		0.0|		50.6|		-11.2|		909.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 7- 1|si| 3|Sx	Si	|	163.8|		0.0|		163.8|
| 5- 1|si| 6|	Tz	|	-88.2|		-38.9|		0.0|
| 5- 1|si| 9|	Ty	|	1.1|		0.0|		-197.5|
| 5- 1|si| 10|	Si	|	6.6|		0.0|		-197.5|

----- PROGR. 79.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY
| 6- 1|	36399.9|		10.2|		0.0|		144.8|		0.0|		643.6|
| 5- 1|	36290.9|		44.6|		0.0|		50.6|		-8.4|		644.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si
| 6- 1|si| 4|Sx	Si	|	698.0|		0.0|		698.0|
| 5- 1|si| 6|	Tz	|	-681.5|		-27.6|		0.0|
| 5- 1|si| 9|	Ty	|	4.2|		0.0|		-139.9|
| 6- 1|si| 7|	Si	|	697.2|		-26.2|		0.0|

----- PROGR. 119.

SOLLECITAZIONI :

Caso	MZ		MY		MT		N		TZ		TY
5- 1	56562.5		320.2		0.0		50.6		-5.5		378.5

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx		Tz		Ty		Si
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Copertura area carburante - Relazione di calcolo

5- 1 si 4 Sx	Si	1106.7	0.0	0.0	1106.7			
| 5- 1|si| 6| Tz		-1072.7|	-16.3|	0.0|	1073.0|			
| 5- 1|si| 9| Ty		6.4|	0.0|	-82.2|	142.5|			
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	66306.1|	482.5|	0.0|	50.6|	-2.7|	113.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	1309.0|	0.0|	0.0|	1309.0|			
| 5- 1|si| 6| Tz		-1261.7|	-5.1|	0.0|	1261.7|			
| 5- 1|si| 9| Ty		7.7|	0.0|	-24.5|	43.2|			
-----							PROGR.	198.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	65521.6|	531.7|	0.0|	50.6|	0.2|	-152.5|		
| 6- 1|	65576.1|	5.1|	0.0|	136.2|	0.0|	-153.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	1299.9|	0.0|	0.0|	1299.9|			
| 5- 1|si| 6| Tz		-1248.5|	6.2|	0.0|	1248.6|			
| 6- 1|si| 9| Ty		10.3|	0.0|	33.2|	58.5|			
-----							PROGR.	238.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	54209.1|	467.6|	0.0|	50.6|	3.0|	-418.1|		
| 6- 1|	54245.5|	3.4|	0.0|	133.4|	0.0|	-418.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	1079.4|	0.0|	0.0|	1079.4|			
| 5- 1|si| 6| Tz		-1033.2|	17.5|	0.0|	1033.7|			
| 6- 1|si| 9| Ty		10.1|	0.0|	90.9|	157.8|			
-----							PROGR.	278.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	32368.6|	290.4|	0.0|	50.6|	5.9|	-683.6|		
| 6- 1|	32386.8|	1.7|	0.0|	130.5|	0.0|	-684.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	647.3|	0.0|	0.0|	647.3|			
| 5- 1|si| 6| Tz		-615.8|	28.8|	0.0|	617.8|			
| 6- 1|si| 9| Ty		9.9|	0.0|	148.6|	257.5|			
-----							PROGR.	317.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 8- 1|	0.0|	0.0|	0.0|	175.6|	0.0|	-849.2|		
| 5- 1|	0.0|	0.0|	0.0|	50.6|	8.8|	-949.1|		
| 6- 1|	0.0|	0.0|	0.0|	127.7|	0.0|	-949.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 8- 1|si| 4|Sx		13.3|	0.0|	0.0|	13.3|			
| 5- 1|si| 6| Tz		3.8|	40.1|	0.0|	69.6|			
| 6- 1|si| 9| TySi		9.6|	0.0|	206.2|	357.3|			
-----							PROGR.	317.
VERIFICA STABILITA` :								
|L0 = 317. |								
Z	|Lc = 317. |Ro = 4.90|lm = 64.7|Ncr= 65591.0|alfa(a)=0.2100|ki=0.8256|							
Y	|Lc = 317. |Ro = 1.45|lm = 219.4|Ncr= 5700.9|alfa(b)=0.3400|ki=0.1370|							
Caso 6- 2 - Nodo 2 - Asse Y								
Ned = -88.2|Mzeq = 27747.1|Myeq = 31.6|Ss = -575.9 (0.220)								
P_IPE120_S009 (9) stato limite ultimo - ASTA (12- 534)							2099	
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 12- 3|	0.0|	0.0|	1.2|	243.0|	0.6|	152.3|		
| 5- 1|	0.0|	0.0|	6.5|	46.3|	-7.5|	861.9|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 12- 3|si| 1|Sx		18.4|	0.0|	0.0|	18.4|			
| 5- 1|si| 6| Tz		3.5|	-39.5|	0.0|	68.6|			
| 5- 1|si| 9| TySi		3.5|	0.0|	-189.4|	328.1|			
-----							PROGR.	35.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	26065.1|	219.2|	6.5|	46.3|	-5.0|	627.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	520.0|	0.0|	0.0|	520.0|			
| 5- 1|si| 6| Tz		-494.9|	-29.6|	0.0|	497.6|			
| 5- 1|si| 9| Ty		5.2|	0.0|	-138.5|	239.9|			
-----							PROGR.	70.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	43926.8|	350.2|	6.5|	46.3|	-2.5|	393.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	871.7|	0.0|	0.0|	871.7|			
| 5- 1|si| 6| Tz		-835.9|	-19.6|	0.0|	836.6|			
| 5- 1|si| 9| Ty		6.3|	0.0|	-87.6|	151.8|			
-----							PROGR.	105.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	53584.9|	393.0|	6.5|	46.3|	0.0|	158.8|		
| 6- 1|	53489.5|	-24.2|	7.0|	-44.3|	0.2|	157.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	1058.7|	0.0|	0.0|	1058.7|			

Copertura area carburante - Relazione di calcolo

| 6- 1|si| 5|	Tz	|	-1012.1|	9.9|	0.0|	1012.2|	
| 5- 1|si| 9|	Ty	|	6.6|	0.0|	-36.7|	63.9|	

----- PROGR. 140.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	55039.7|		347.6|		6.5|		46.3|		2.6|		-75.6|	
| 6- 1|	54912.4|		-32.2|		7.0|		-46.8|		0.2|		-76.5|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	Si	|	1080.8|		0.0|		1080.8|	
| 5- 1|si| 6|	Tz	|	-1045.2|		6.7|		1045.3|	
| 6- 1|si| 9|	Ty	|	-3.8|		0.0|		19.0|	

----- PROGR. 175.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	48290.9|		214.0|		6.5|		46.3|		5.1|		-310.0|	
| 6- 1|	48131.8|		-40.3|		7.0|		-49.3|		0.2|		-310.9|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 4|Sx	Si	|	938.2|		0.0|		938.2|	
| 5- 1|si| 6|	Tz	|	-913.6|		16.7|		914.0|	
| 6- 1|si| 9|	Ty	|	-4.0|		0.0|		69.9|	

----- PROGR. 210.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	33147.8|		-48.4|		7.0|		-51.9|		0.2|		-545.3|	
| 5- 1|	33338.7|		-7.8|		6.5|		46.3|		7.6|		-544.4|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 1|Sx	Si	|	-634.1|		0.0|		634.1|	
| 5- 1|si| 6|	Tz	|	-624.5|		26.6|		626.2|	
| 6- 1|si| 9|	Ty	|	-4.3|		0.0|		120.8|	

----- PROGR. 245.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 7- 1|	9653.3|		-505.9|		5.5|		37.6|		16.8|		-694.3|	
| 5- 1|	10183.1|		-317.8|		6.5|		46.3|		10.1|		-778.8|	
| 6- 1|	9960.3|		-56.4|		7.0|		-54.4|		0.2|		-779.7|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 7- 1|si| 3|Sx	Si	|	243.2|		0.0|		243.2|	
| 5- 1|si| 6|	Tz	|	-177.8|		36.6|		188.8|	
| 6- 1|si| 9|	TySi	|	-4.6|		0.0|		171.7|	

----- PROGR. 280.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	-21176.1|		-716.0|		6.5|		46.3|		12.6|		-1013.2|	
| 6- 1|	-21430.6|		-64.5|		7.0|		-56.9|		0.2|		-1014.1|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 2|Sx	Si	|	485.3|		0.0|		485.3|	
| 5- 1|si| 6|	Tz	|	426.3|		46.6|		433.9|	
| 6- 1|si| 9|	Ty	|	-4.8|		0.0|		222.6|	

VERIFICA STABILITA` :

|L0 = 280. |
 Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a)=0.2100 |ki=0.8668 |
 Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b)=0.3400 |ki=0.1722 |
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -56.9 |Mzeq = 42947.4 |Myeq = -48.4 |Ss = -840.4 (0.321)

P_IPE120_S009 (9) stato limite ultimo - ASTA (534- 535) 2101
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 5- 1|	-21238.6|		-508.2|		1.5|		28.5|		-10.2|		885.7|	
| 6- 1|	-21491.7|		137.8|		1.6|		-31.1|		1.1|		887.0|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 5- 1|si| 2|Sx	Si	|	461.1|		0.0|		461.1|	
| 5- 1|si| 6|	Tz	|	419.3|		-38.5|		424.5|	
| 6- 1|si| 9|	Ty	|	-1.3|		0.0|		-193.2|	

----- PROGR. 35.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 7- 1|	5619.1|		-357.3|		1.3|		18.9|		-13.3|		580.6|	
| 5- 1|	5659.3|		-194.5|		1.5|		28.5|		-7.7|		651.3|	
| 6- 1|	5450.4|		97.7|		1.6|		-33.7|		1.1|		652.6|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 7- 1|si| 3|Sx	Si	|	148.6|		0.0|		148.6|	
| 5- 1|si| 6|	Tz	|	-98.0|		-28.6|		109.8|	
| 6- 1|si| 9|	Ty	|	-1.8|		0.0|		-142.3|	
| 6- 1|si|10|	Si	|	-3.3|		0.0|		-142.3|	

----- PROGR. 70.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
| 6- 1|	24189.1|		57.7|		1.6|		-36.2|		1.1|		418.2|	
| 5- 1|	24353.8|		30.9|		1.5|		28.5|		-5.2|		416.9|	

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	|	Tz	|	Ty	|	Si	|
| 6- 1|si| 2|Sx	Si	|	-465.2|		0.0|		465.2|	
| 5- 1|si| 6|	Tz	|	-457.8|		-18.6|		458.9|	
| 6- 1|si| 9|	Ty	|	-2.3|		0.0|		-91.4|	

----- PROGR. 105.

SOLLECITAZIONI :

| Caso |	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
5- 1	34844.8		168.2		1.5		28.5		-2.7		182.6	

Copertura area carburante - Relazione di calcolo

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| 6- 1|      34724.3|      17.6|      1.6|     -38.7|      1.1|     183.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      678.2|      0.0|      0.0|      678.2|
| 5- 1|si| 6|  Tz |     -660.0|     -8.6|      0.0|      660.2|
| 6- 1|si| 9|  Ty |      -2.8|      0.0|    -40.5|      70.1|
----- PROGR.      140.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      37132.4|      217.2|      1.5|      28.5|     -0.1|    -51.8|
| 6- 1|      37056.1|     -22.5|      1.6|    -41.2|      1.1|    -50.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      727.0|      0.0|      0.0|      727.0|
| 6- 1|si| 6|  Tz |     -700.6|      3.0|      0.0|      700.7|
| 5- 1|si| 9|  Ty |      3.9|      0.0|     11.8|      20.7|
----- PROGR.      175.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      31216.5|      178.1|      1.5|      28.5|      2.4|    -286.2|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      611.0|      0.0|      0.0|      611.0|
| 5- 1|si| 6|  Tz |     -592.0|     12.8|      0.0|      592.4|
| 5- 1|si| 9|  Ty |      3.6|      0.0|     62.7|     108.6|
----- PROGR.      210.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      17109.2|    -102.6|      1.6|    -46.3|      1.1|    -519.3|
| 5- 1|      17097.1|      50.7|      1.5|      28.5|      4.9|    -520.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si|     -337.8|      0.0|      0.0|      337.8|
| 5- 1|si| 6|  Tz |     -321.7|     22.8|      0.0|      324.1|
| 5- 1|si| 9|  Ty |      2.6|      0.0|     113.6|     196.7|
----- PROGR.      245.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     -5225.7|    -164.8|      1.5|      28.5|      7.4|    -755.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      119.7|      0.0|      0.0|      119.7|
| 5- 1|si| 6|  Tz |      106.1|     32.7|      0.0|      120.3|
| 5- 1|si| 9|  Ty |      0.8|      0.0|     164.5|     284.9|
| 5- 1|si|10|  Si |      3.5|      0.0|     164.5|     284.9|
----- PROGR.      280.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|    -35752.1|    -468.6|      1.5|      28.5|      9.9|   -989.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      730.0|      0.0|      0.0|      730.0|
| 5- 1|si| 6|  Tz |      691.4|     42.7|      0.0|      695.4|
| 5- 1|si| 9|  Ty |     -1.6|      0.0|     215.4|     373.1|
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VERIFICA STABILITA` :
|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -51.3|Mzeq = 27792.1|Myeq = -137.1|Ss = -562.5 ( 0.215)

P_IPE120_S009 ( 9)      stato limite ultimo - ASTA ( 535- 536) 2103
----- PROGR.      0.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|     -35745.6|    -508.0|     -0.5|     25.2|    -10.3|     936.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      734.2|      0.0|      0.0|      734.2|
| 5- 1|si| 6|  Tz |      692.4|    -40.1|      0.0|      695.8|
| 5- 1|si| 9|  Ty |     -2.1|      0.0|    -203.6|     352.7|
----- PROGR.      35.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 7- 1|     -6201.5|    -339.0|     -0.4|     12.2|    -13.3|     628.4|
| 5- 1|     -7059.2|    -190.0|     -0.5|     25.2|     -7.8|     702.4|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 7- 1|si| 2|Sx  Si|      157.0|      0.0|      0.0|      157.0|
| 5- 1|si| 6|  Tz |      141.2|    -30.1|      0.0|      150.6|
| 5- 1|si| 9|  Ty |      0.4|      0.0|    -152.7|     264.5|
| 5- 1|si|10|  Si |      3.4|      0.0|    -152.7|     264.5|
----- PROGR.      70.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      13466.8|      66.3|     -0.5|    -17.7|      1.0|     467.2|
| 5- 1|      13423.7|      39.8|     -0.5|     25.2|     -5.3|     468.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 2|Sx  Si|     -262.8|      0.0|      0.0|     262.8|
| 5- 1|si| 6|  Tz |     -252.4|    -20.2|      0.0|     254.8|
| 5- 1|si| 9|  Ty |      2.2|      0.0|    -101.8|     176.3|
----- PROGR.      105.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      25703.2|      181.4|     -0.5|     25.2|     -2.8|     233.7|
TENSIONI (Sz=      0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	507.2	0.0	0.0	507.2
5- 1	|si| 6	Tz		-488.5	-10.2	0.0	488.8
5- 1	|si| 9	Ty		3.3	0.0	-50.9	88.2

PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	29779.2	234.9	-0.5	25.2	-0.3	-0.7
12- 8	5341.0	-22.8	-0.2	109.4	5.7	-4.7
12- 3	5330.8	-13.3	-0.2	200.3	2.6	-4.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	590.2	0.0	0.0	590.2
12- 8	|si| 6	Tz		-91.6	1.3	0.0	91.6
12- 3	|si| 9	Ty		15.0	0.0	1.1	15.1

PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	25651.8	200.1	-0.5	25.2	2.3	-235.1
6- 1	25610.4	-39.5	-0.5	-25.2	1.0	-235.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	508.4	0.0	0.0	508.4
5- 1	|si| 6	Tz		-488.1	10.2	0.0	488.4
6- 1	|si| 9	Ty		-2.2	0.0	51.4	89.1

PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	13320.9	77.1	-0.5	25.2	4.8	-469.5
6- 1	13251.4	-74.8	-0.5	-27.7	1.0	-470.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 4	Sx	Si	261.8	0.0	0.0	261.8
5- 1	|si| 6	Tz		-251.7	20.1	0.0	254.1
6- 1	|si| 9	Ty		-2.7	0.0	102.3	177.2

PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-7213.5	-134.1	-0.5	25.2	7.3	-703.9
6- 1	-7311.1	-110.1	-0.5	-30.3	1.0	-704.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 2	Sx	Si	153.3	0.0	0.0	153.3
5- 1	|si| 6	Tz		142.3	30.1	0.0	151.6
6- 1	|si| 9	Ty		-3.2	0.0	153.2	265.4

PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-35951.3	-433.5	-0.5	25.2	9.8	-938.3
6- 1	-36077.1	-145.4	-0.5	-32.8	1.0	-939.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 2	Sx	Si	729.5	0.0	0.0	729.5
5- 1	|si| 6	Tz		693.8	40.1	0.0	697.2
6- 1	|si| 9	Ty		-3.6	0.0	204.1	353.6

VERIFICA STABILITA` :

L0 = 280.0
 Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr = 84177.2|alfa(a) = 0.2100|ki = 0.8668|
 Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr = 7316.3|alfa(b) = 0.3400|ki = 0.1722|
 Caso 6- 1 - Nodo 4 - Asse Y
 Ned = -32.8|Mzeq = -27057.8|Myeq = -109.0|Ss = -537.1 (0.205)

P_IPE120_S009 (9) stato limite ultimo - ASTA (536- 315) 2105
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-35918.6	-776.1	0.0	9.1	-12.9	1065.8
6- 1	-36045.6	19.8	0.0	-8.4	0.1	1066.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 2	Sx	Si	767.3	0.0	0.0	767.3
5- 1	|si| 6	Tz		703.3	-45.6	0.0	707.7
6- 1	|si| 9	Ty		-0.5	0.0	-231.6	401.1

PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7- 1	-2283.1	-593.5	0.0	-7.4	-17.1	743.0
5- 1	-2716.7	-370.4	0.0	9.1	-10.3	831.4
6- 1	-2827.7	17.3	0.0	-11.0	0.1	831.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7- 1	|si| 4	Sx	Si	-112.2	0.0	0.0	112.2
5- 1	|si| 6	Tz		64.2	-35.6	0.0	89.0
6- 1	|si| 9	Ty		-0.7	0.0	-180.7	312.9
6- 1	|si| 10	Si		-1.0	0.0	-180.7	312.9

PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	22281.8	-52.9	0.0	9.1	-7.8	597.1
6- 1	22186.6	14.8	0.0	-13.5	0.1	597.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	|si| 3	Sx	Si	426.7	0.0	0.0	426.7
5- 1	|si| 6	Tz		-417.4	-25.6	0.0	419.8
6- 1	|si| 9	Ty		-0.9	0.0	-129.8	224.8

PROGR. 105.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	39076.9|	176.5|	0.0|	9.1|	-5.3|	362.7|
| 6- 1|	38997.5|	12.4|	0.0|	-16.0|	0.1|	363.1|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	si| 4|Sx |	Si |	757.4|	0.0|	0.0|	757.4|
| 5- 1|	si| 6| Tz |		-741.5|	-15.7|	0.0|	742.0|
| 6- 1|	si| 9| Ty |		-1.1|	0.0|	-78.9|	136.6|
----- PROGR. 140.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	47668.4|	317.6|	0.0|	9.1|	-2.8|	128.3|
| 6- 1|	47604.9|	9.9|	0.0|	-18.5|	0.1|	128.7|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	si| 4|Sx |	Si |	935.6|	0.0|	0.0|	935.6|
| 5- 1|	si| 6| Tz |		-908.1|	-5.7|	0.0|	908.2|
| 6- 1|	si| 9| Ty |		-1.3|	0.0|	-28.0|	48.4|
----- PROGR. 175.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	48056.5|	370.5|	0.0|	9.1|	-0.3|	-106.1|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	si| 4|Sx |	Si |	949.1|	0.0|	0.0|	949.1|
| 5- 1|	si| 5| Tz |		-892.5|	-4.4|	0.0|	892.6|
| 5- 1|	si| 9| Ty |		3.6|	0.0|	23.0|	40.1|
----- PROGR. 210.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	40241.1|	335.2|	0.0|	9.1|	2.3|	-340.5|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	si| 4|Sx |	Si |	797.7|	0.0|	0.0|	797.7|
| 5- 1|	si| 6| Tz |		-768.7|	14.2|	0.0|	769.1|
| 5- 1|	si| 9| Ty |		3.4|	0.0|	73.9|	128.1|
----- PROGR. 245.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	24222.3|	211.7|	0.0|	9.1|	4.8|	-574.9|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	si| 4|Sx |	Si |	481.6|	0.0|	0.0|	481.6|
| 5- 1|	si| 6| Tz |		-462.8|	24.2|	0.0|	464.7|
| 5- 1|	si| 9| Ty |		2.4|	0.0|	124.8|	216.3|
----- PROGR. 280.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 3|	0.0|	0.0|	0.0|	115.6|	0.6|	-135.6|
| 5- 1|	0.0|	0.0|	0.0|	9.1|	7.3|	-809.3|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 12- 3|	si| 4|Sx |		8.7|	0.0|	0.0|	8.7|
| 5- 1|	si| 6| Tz |		0.7|	34.2|	0.0|	59.2|
| 5- 1|	si| 9| TySi|		0.7|	0.0|	175.8|	304.4|

VERIFICA STABILITA` :						
|L0 = 280. |						
Z |	Lc = 280. |	Ro = 4.90|	lm = 57.1|	Ncr= 84177.2|	alfa(a)=0.2100|	ki=0.8668|
Y |	Lc = 280. |	Ro = 1.45|	lm = 193.6|	Ncr= 7316.3|	alfa(b)=0.3400|	ki=0.1722|
Caso 7- 1 - Nodo 1 - Asse Y						
Ned = -7.4| Mzeq = 32280.7| Myeq = -949.7| Ss = -721.5 (0.275)						
P_IPE120_S009 (9) stato limite ultimo - ASTA (315- 588) 2107						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 12- 3|	0.0|	0.0|	1.3|	277.8|	1.0|	138.1|
| 5- 1|	0.0|	0.0|	4.0|	16.5|	-7.1|	807.0|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 12- 3|	si| 1|Sx |		21.0|	0.0|	0.0|	21.0|
| 5- 1|	si| 6| Tz |		1.2|	-36.0|	0.0|	62.3|
| 5- 1|	si| 9| TySi|		1.2|	0.0|	-176.6|	305.9|
----- PROGR. 35.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	24144.4|	205.1|	4.0|	16.5|	-4.6|	572.6|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	si| 4|Sx |	Si |	479.9|	0.0|	0.0|	479.9|
| 5- 1|	si| 6| Tz |		-460.5|	-26.0|	0.0|	462.7|
| 5- 1|	si| 9| Ty |		2.9|	0.0|	-125.7|	217.7|
----- PROGR. 70.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	40085.4|	322.0|	4.0|	16.5|	-2.1|	338.3|
TENSIONI (Sz= 0.00) :						
| Caso |	Ve|No|massimi |	Sx |	Tz |	Ty |	Si |	
| 5- 1|	si| 4|Sx |	Si |	793.8|	0.0|	0.0|	793.8|
| 5- 1|	si| 6| Tz |		-764.8|	-16.0|	0.0|	765.3|
| 5- 1|	si| 9| Ty |		3.8|	0.0|	-74.8|	129.6|
----- PROGR. 105.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	47822.8|	350.7|	4.0|	16.5|	0.4|	103.9|
| 6- 1|	47670.2|	-87.2|	4.5|	7.4|	0.8|	102.4|
TENSIONI (Sz= 0.00) :						

Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	942.9	0.0	0.0
6-1	|si	5	Tz	-900.6	6.5	0.0	900.7
5-1	|si	9	Ty	4.0	0.0	-23.9	41.6

PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	47356.9	291.2	4.0	16.5	3.0	-130.5
6-1	47153.3	-116.3	4.5	4.9	0.8	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	927.3	0.0	0.0
5-1	|si	6	Tz	-900.8	7.7	0.0	900.9
6-1	|si	9	Ty	-0.6	0.0	30.2	52.3

PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	38687.4	143.5	4.0	16.5	5.5	-364.9
6-1	38433.0	-145.4	4.5	2.4	0.8	-366.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	4	Sx	Si	746.8	0.0	0.0
5-1	|si	6	Tz	-732.5	17.7	0.0	733.2
6-1	|si	9	Ty	-1.0	0.0	81.1	140.4

PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	21509.2	-174.5	4.5	-0.1	0.8	-600.7
5-1	21814.5	-92.4	4.0	16.5	8.0	-599.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	1	Sx	Si	-425.5	0.0	0.0
5-1	|si	6	Tz	-406.7	27.7	0.0	409.6
6-1	|si	9	Ty	-1.4	0.0	132.0	228.6

PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
7-1	-2426.6	-586.4	3.2	-4.3	17.1	-743.6
5-1	-3261.9	-416.4	4.0	16.5	10.5	-833.7
6-1	-3618.0	-203.6	4.5	-2.7	0.8	-835.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
7-1	|si	4	Sx	Si	-113.9	0.0	0.0
5-1	|si	6	Tz	76.6	37.6	0.0	100.6
6-1	|si	9	TySi	-1.8	0.0	182.9	316.8

PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-36541.7	-828.7	4.0	16.5	13.0	-1068.0
6-1	-36948.8	-232.6	4.5	-5.2	0.8	-1069.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	|si	2	Sx	Si	785.6	0.0	0.0
5-1	|si	6	Tz	717.4	47.6	0.0	722.1
6-1	|si	9	Ty	-2.2	0.0	233.8	404.9

VERIFICA STABILITA` :

L0 = 280.0
 Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr = 84177.2|alfa(a) = 0.2100|ki = 0.8668|
 Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr = 7316.3|alfa(b) = 0.3400|ki = 0.1722|
 Caso 7-1 - Nodo 1 - Asse Y
 Ned = -4.3|Mzeq = 32234.6|Myeq = -943.7|Ss = -718.5 (0.274)

P_IPE120_S009 (9) stato limite ultimo - ASTA (588- 589) 2109
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-36979.1	391.6	0.4	38.8	2.9	934.7
5-1	-36573.3	-284.3	0.3	27.5	-8.7	933.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	1	Sx	Si	745.0	0.0	0.0
5-1	|si	6	Tz	700.7	-39.6	0.0	704.0
6-1	|si	9	Ty	6.0	0.0	-203.1	351.9

PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-8364.9	291.3	0.4	36.3	2.9	700.4
5-1	-8016.2	-24.8	0.3	27.5	-6.2	698.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	1	Sx	Si	194.0	0.0	0.0
5-1	|si	6	Tz	154.0	-29.6	0.0	162.3
6-1	|si	9	TySi	5.1	0.0	-152.2	263.7

PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12045.8	190.9	0.4	33.7	2.9	466.0
5-1	12337.5	146.6	0.3	27.5	-3.6	464.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	|si	4	Sx	Si	251.6	0.0	0.0
5-1	|si	6	Tz	-235.3	-19.7	0.0	237.7
6-1	|si	9	Ty	4.1	0.0	-101.3	175.6

PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	24487.7	229.8	0.3	27.5	-1.1	230.0

Copertura area carburante - Relazione di calcolo

```

| 6- 1|      24253.0|      90.6|      0.4|      31.2|      2.9|      231.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      490.1|      0.0|      0.0|      490.1|
| 6- 1|si| 5|      Tz |      -451.6|      10.1|      0.0|      452.0|
| 6- 1|si| 9|      Ty |      3.1|      0.0|      -50.4|      87.4|
-----

```

140.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      28434.5|      224.7|      0.3|      27.5|      1.4|      -4.4|
| 12- 8|      5404.9|      -9.0|      0.2|      349.2|      8.3|      -0.5|
| 11-11|      4592.8|      4.6|      0.4|      -11.2|      -0.9|      7.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      563.9|      0.0|      0.0|      563.9|
| 12- 8|si| 6|      Tz |      -75.2|      1.5|      0.0|      75.2|
| 11-11|si| 9|      Ty |      -0.8|      0.0|      -1.7|      3.0|
-----

```

175.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      24177.8|      131.5|      0.3|      27.5|      3.9|      -238.8|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 4|Sx  Si|      472.9|      0.0|      0.0|      472.9|
| 5- 1|si| 6|      Tz |      -457.9|      10.5|      0.0|      458.3|
| 5- 1|si| 9|      Ty |      3.1|      0.0|      52.0|      90.1|
-----

```

210.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      11653.8|      -210.4|      0.4|      23.7|      2.9|      -471.6|
| 5- 1|      11717.6|      -49.9|      0.3|      27.5|      6.4|      -473.2|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx  Si|      245.7|      0.0|      0.0|      245.7|
| 5- 1|si| 6|      Tz |      -217.1|      20.5|      0.0|      219.9|
| 5- 1|si| 9|      Ty |      1.7|      0.0|      102.9|      178.2|
-----

```

245.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -8946.0|      -319.6|      0.3|      27.5|      9.0|      -707.6|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      207.6|      0.0|      0.0|      207.6|
| 5- 1|si| 6|      Tz |      181.3|      30.5|      0.0|      188.8|
| 5- 1|si| 9|      Ty |      -0.5|      0.0|      153.8|      266.3|
| 5- 1|si|10|      Si|      4.6|      0.0|      153.8|      266.4|
-----

```

280.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      -37813.1|      -677.4|      0.3|      27.5|      11.5|      -942.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 5- 1|si| 2|Sx  Si|      792.9|      0.0|      0.0|      792.9|
| 5- 1|si| 6|      Tz |      737.1|      40.4|      0.0|      740.4|
| 5- 1|si| 9|      Ty |      -3.3|      0.0|      204.7|      354.5|
-----

```

VERIFICA STABILITA` :

```

|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 8- 1 - Nodo 4 - Asse Y
Ned = -11.7|Mzeq = -25221.2|Myeq = -363.6|Ss = -522.5 ( 0.200)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 589- 590) 2111
-----

```

0.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      -37760.7|      398.1|      -0.5|      63.7|      2.8|      945.7|
| 5- 1|      -37809.6|      -241.2|      -0.4|      43.4|      -8.5|      946.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si|      762.4|      0.0|      0.0|      762.4|
| 5- 1|si| 6|      Tz |      723.8|      -40.2|      0.0|      727.1|
| 5- 1|si| 9|      Ty |      1.4|      0.0|      -205.7|      356.2|
-----

```

35.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      -8763.3|      298.7|      -0.5|      61.2|      2.8|      711.3|
| 5- 1|      -8790.6|      10.5|      -0.4|      43.4|      -5.9|      711.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx  Si|      204.3|      0.0|      0.0|      204.3|
| 5- 1|si| 6|      Tz |      168.6|      -30.2|      0.0|      176.5|
| 5- 1|si| 9|      TySi|      3.4|      0.0|      -154.8|      268.1|
-----

```

70.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      12030.6|      199.3|      -0.5|      58.6|      2.8|      476.9|
| 5- 1|      12025.0|      173.9|      -0.4|      43.4|      -3.4|      477.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 4|Sx  Si|      254.2|      0.0|      0.0|      254.2|
| 5- 1|si| 6|      Tz |      -229.1|      -20.2|      0.0|      231.8|
| 5- 1|si| 9|      Ty |      4.7|      0.0|      -103.9|      179.9|
-----

```

105.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      24637.1|      249.2|      -0.4|      43.4|      -0.9|      243.2|

```

Copertura area carburante - Relazione di calcolo

| 6- 1|	24621.0|	99.9|	-0.5|	56.1|	2.8|	242.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 4|Sx |	Si |	496.3|	0.0|	0.0|	496.3|		
| 6- 1|si| 5| Tz |		-456.4|	10.6|	0.0|	456.8|		
| 5- 1|si| 9| Ty |		5.3|	0.0|	-53.0|	91.9|		
-----							140.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	29045.7|	236.3|	-0.4|	43.4|	1.6|	8.8|	
| 12- 8|	5095.1|	-9.1|	-0.2|	278.5|	8.5|	-1.7|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 4|Sx |	Si |	577.9|	0.0|	0.0|	577.9|		
| 12- 8|si| 6| Tz |		-74.7|	1.6|	0.0|	74.7|		
| 5- 1|si| 9| Ty |		5.2|	0.0|	-2.1|	6.3|		
-----							175.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	25250.9|	135.1|	-0.4|	43.4|	4.1|	-225.6|	
| 6- 1|	25191.5|	-98.9|	-0.5|	51.1|	2.8|	-226.2|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 4|Sx |	Si |	494.7|	0.0|	0.0|	494.7|		
| 5- 1|si| 6| Tz |		-477.0|	10.1|	0.0|	477.3|		
| 6- 1|si| 9| Ty |		3.1|	0.0|	49.3|	85.4|		
-----							210.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	13171.5|	-198.3|	-0.5|	48.6|	2.8|	-460.6|	
| 5- 1|	13252.6|	-54.2|	-0.4|	43.4|	6.7|	-460.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 3|Sx |	Si |	274.8|	0.0|	0.0|	274.8|		
| 5- 1|si| 6| Tz |		-244.6|	20.1|	0.0|	247.1|		
| 6- 1|si| 9| Ty |		2.1|	0.0|	100.2|	173.5|		
-----							245.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	-6949.1|	-331.7|	-0.4|	43.4|	9.2|	-694.4|	
| 6- 1|	-7051.9|	-297.7|	-0.5|	46.0|	2.8|	-695.0|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 2|Sx |		172.6|	0.0|	0.0|	172.6|		
| 5- 1|si| 6| Tz |		145.3|	30.0|	0.0|	154.3|		
| 6- 1|si| 9| Ty |		1.1|	0.0|	151.1|	261.7|		
| 6- 1|si|10| Si |		5.8|	0.0|	151.1|	261.8|		
-----							280.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	-35354.3|	-697.5|	-0.4|	43.4|	11.7|	-928.8|	
| 6- 1|	-35478.8|	-397.0|	-0.5|	43.5|	2.8|	-929.4|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 2|Sx |	Si |	750.1|	0.0|	0.0|	750.1|		
| 5- 1|si| 6| Tz |		692.7|	40.0|	0.0|	696.1|		
| 6- 1|si| 9| Ty |		0.1|	0.0|	202.0|	349.9|		

VERIFICA STABILITA` :							
|L0 =	280.|						
Z |Lc =	280.|Ro =	4.90|lm =	57.1|Ncr=	84177.2|alfa(a)=	0.2100|ki=	0.8668|	
Y |Lc =	280.|Ro =	1.45|lm =	193.6|Ncr=	7316.3|alfa(b)=	0.3400|ki=	0.1722|	
Caso12- 9 - Nodo 3 - Asse Y							
Ned =	-245.1|Mzeq =	-4385.4|Myeq =	805.7|Ss =	-286.8 (0.110)			

P_IPE120_S009 (9)	stato limite ultimo	- ASTA (590- 333)	2113				
-----							0.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	-35324.3|	-644.5|	0.0|	45.7|	-12.4|	1063.7|	
| 6- 1|	-35450.1|	139.8|	0.0|	73.7|	0.5|	1064.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 5- 1|si| 2|Sx |	Si |	743.6|	0.0|	0.0|	743.6|		
| 5- 1|si| 6| Tz |		690.5|	-45.4|	0.0|	695.0|		
| 6- 1|si| 9| Ty |		6.7|	0.0|	-231.1|	400.3|		
-----							35.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 12- 8|	-605.4|	528.5|	0.0|	432.1|	2.2|	141.3|	
| 5- 1|	-2196.6|	-255.2|	0.0|	45.7|	-9.9|	829.3|	
| 6- 1|	-2306.7|	122.3|	0.0|	71.2|	0.5|	829.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 12- 8|si| 1|Sx |		105.2|	0.0|	0.0|	105.2|		
| 5- 1|si| 6| Tz |		53.3|	-35.4|	0.0|	81.3|		
| 6- 1|si| 9| TySi |		6.4|	0.0|	-180.2|	312.2|		
-----							70.
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 6- 1|	22633.2|	104.9|	0.0|	68.7|	0.5|	595.4|	
| 5- 1|	22727.6|	45.8|	0.0|	45.7|	-7.3|	594.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |			
| 6- 1|si| 4|Sx |	Si |	443.8|	0.0|	0.0|	443.8|		
| 5- 1|si| 6| Tz |		-426.3|	-25.5|	0.0|	428.6|		
| 6- 1|si| 9| Ty |		6.0|	0.0|	-129.3|	224.0|		
-----							105.

Copertura area carburante - Relazione di calcolo

```

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 39448.3 | 258.7 | 0.0 | 45.7 | -4.8 | 360.5 |
| 6- 1 | 39369.7 | 87.4 | 0.0 | 66.1 | 0.5 | 361.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 776.7 | 0.0 | 0.0 | 776.7 |
| 5- 1|si| 6 | Tz | -748.5 | -15.5 | 0.0 | 749.0 |
| 6- 1|si| 9 | Ty | 5.7 | 0.0 | -78.4 | 135.9 |
-----
PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 47965.6 | 383.4 | 0.0 | 45.7 | -2.3 | 126.2 |
| 6- 1 | 47902.6 | 69.9 | 0.0 | 63.6 | 0.5 | 126.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 951.6 | 0.0 | 0.0 | 951.6 |
| 5- 1|si| 6 | Tz | -913.1 | -5.5 | 0.0 | 913.2 |
| 6- 1|si| 9 | Ty | 5.4 | 0.0 | -27.5 | 47.9 |
-----
PROGR. 175.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 48279.4 | 419.8 | 0.0 | 45.7 | 0.2 | -108.2 |
| 6- 1 | 48232.2 | 52.4 | 0.0 | 61.1 | 0.5 | -107.8 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 961.7 | 0.0 | 0.0 | 961.7 |
| 6- 1|si| 6 | Tz | -906.0 | 4.5 | 0.0 | 906.0 |
| 5- 1|si| 9 | Ty | 6.8 | 0.0 | 23.5 | 41.3 |
-----
PROGR. 210.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 40389.7 | 368.1 | 0.0 | 45.7 | 2.7 | -342.6 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 807.1 | 0.0 | 0.0 | 807.1 |
| 5- 1|si| 6 | Tz | -769.9 | 14.4 | 0.0 | 770.3 |
| 5- 1|si| 9 | Ty | 6.4 | 0.0 | 74.4 | 129.0 |
-----
PROGR. 245.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 24296.6 | 228.1 | 0.0 | 45.7 | 5.3 | -577.0 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 487.7 | 0.0 | 0.0 | 487.7 |
| 5- 1|si| 6 | Tz | -462.0 | 24.4 | 0.0 | 463.9 |
| 5- 1|si| 9 | Ty | 5.3 | 0.0 | 125.3 | 217.1 |
-----
PROGR. 280.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 3 | 0.0 | 0.0 | 0.0 | 456.9 | 0.9 | -136.2 |
| 5- 1 | 0.0 | 0.0 | 0.0 | 45.7 | 7.8 | -811.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 3|si| 4|Sx | Si | 34.5 | 0.0 | 0.0 | 34.5 |
| 5- 1|si| 6 | Tz | 3.4 | 34.3 | 0.0 | 59.6 |
| 5- 1|si| 9 | TySi | 3.4 | 0.0 | 176.2 | 305.2 |
-----
PROGR. 36.

VERIFICA STABILITA` :
|L0 = 280. |
Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a )=0.2100 |ki=0.8668 |
Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b )=0.3400 |ki=0.1722 |
Caso 6- 2 - Nodo 1 - Asse Y
Ned = -15.9 |Mzeq = 19788.6 |Myeq = -39.5 |Ss = -384.5 ( 0.147)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 333- 636) 2115
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 12- 7 | 0.0 | 0.0 | 1.3 | 599.8 | 2.0 | 142.4 |
| 5- 1 | 0.0 | 0.0 | 4.0 | 71.8 | -7.1 | 834.2 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 12- 7|si| 1|Sx | Si | 45.3 | 0.0 | 0.0 | 45.3 |
| 5- 1|si| 6 | Tz | 5.4 | -37.1 | 0.0 | 64.5 |
| 5- 1|si| 9 | TySi | 5.4 | 0.0 | -182.5 | 316.2 |
-----
PROGR. 36.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 25839.0 | 209.7 | 4.0 | 71.8 | -4.5 | 591.4 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 516.6 | 0.0 | 0.0 | 516.6 |
| 5- 1|si| 6 | Tz | -488.4 | -26.8 | 0.0 | 490.6 |
| 5- 1|si| 9 | Ty | 7.1 | 0.0 | -129.8 | 224.9 |
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1 | 42878.1 | 324.7 | 4.0 | 71.8 | -1.9 | 348.7 |
| 6- 1 | 42752.9 | -75.5 | 4.5 | 100.4 | 1.0 | 346.9 |
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 850.9 | 0.0 | 0.0 | 850.9 |
| 6- 1|si| 5 | Tz | -800.5 | 16.5 | 0.0 | 801.0 |
| 5- 1|si| 9 | Ty | 8.0 | 0.0 | -77.1 | 133.7 |
-----
PROGR. 109.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |

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Copertura area carburante - Relazione di calcolo

5- 1	51117.3	345.1	4.0	71.8	0.7	105.9
| 6- 1|	50929.5|	-113.2|	4.5|	97.7|	1.0|	104.2|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	1008.6|	0.0|	0.0|	1008.6|	
| 6- 1|si| 5| Tz |		-956.1|	6.6|	0.0|	956.1|	
| 5- 1|si| 9| Ty |		8.2|	0.0|	-24.3|	43.0|	
----- PROGR. 145.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	50556.6|	271.0|	4.0|	71.8|	3.4|	-136.8|
| 6- 1|	50306.2|	-151.0|	4.5|	95.1|	1.0|	-138.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	989.4|	0.0|	0.0|	989.4|	
| 5- 1|si| 6| Tz |		-956.2|	8.1|	0.0|	956.3|	
| 6- 1|si| 9| Ty |		6.0|	0.0|	31.6|	55.1|	
----- PROGR. 181.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	40883.0|	-188.7|	4.5|	92.5|	1.0|	-381.3|
| 5- 1|	41196.1|	102.2|	4.0|	71.8|	6.0|	-379.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si |	799.2|	0.0|	0.0|	799.2|	
| 5- 1|si| 6| Tz |		-774.2|	18.4|	0.0|	774.9|	
| 6- 1|si| 9| Ty |		5.5|	0.0|	84.3|	146.2|	
----- PROGR. 218.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	22660.0|	-226.5|	4.5|	89.9|	1.0|	-624.1|
| 5- 1|	23035.6|	-161.2|	4.0|	71.8|	8.6|	-622.4|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 3|Sx |	Si |	460.0|	0.0|	0.0|	460.0|	
| 5- 1|si| 6| Tz |		-423.3|	28.7|	0.0|	426.2|	
| 6- 1|si| 9| Ty |		5.0|	0.0|	137.1|	237.5|	
----- PROGR. 254.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 7- 1|	-2926.8|	-718.1|	3.2|	41.7|	18.1|	-771.4|
| 5- 1|	-3924.7|	-519.3|	4.0|	71.8|	11.2|	-865.1|
| 6- 1|	-4363.0|	-264.2|	4.5|	87.3|	1.0|	-866.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 7- 1|si| 2|Sx |	Si |	141.3|	0.0|	0.0|	141.3|	
| 5- 1|si| 6| Tz |		96.6|	39.0|	0.0|	118.0|	
| 6- 1|si| 9| Ty |		4.5|	0.0|	189.8|	328.7|	
| 6- 1|si|10| Si |		8.7|	0.0|	189.8|	328.8|	
----- PROGR. 290.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-39684.9|	-971.9|	4.0|	71.8|	13.8|	-1107.9|
| 6- 1|	-40185.8|	-302.0|	4.5|	84.7|	1.0|	-1109.6|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 2|Sx |	Si |	865.6|	0.0|	0.0|	865.6|	
| 5- 1|si| 6| Tz |		785.5|	49.4|	0.0|	790.2|	
| 6- 1|si| 9| Ty |		4.0|	0.0|	242.5|	420.0|	
----- PROGR. 36.						
VERIFICA STABILITA` :						
|L0 = 290. |						
Z |Lc = 290. |Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|						
Y |Lc = 290. |Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|						
Casol2- 9 - Nodo 2 - Asse Y						
Ned = -543.4|Mzeq = 6552.6|Myeq = 402.7|Ss = -429.2 (0.164)						
P_IPE120_S009 (9) stato limite ultimo - ASTA (636- 637) 2117						
----- PROGR. 0.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-40218.3|	466.8|	-0.1|	128.2|	3.2|	967.4|
| 5- 1|	-39718.2|	-204.5|	-0.2|	89.1|	-8.4|	965.5|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	821.5|	0.0|	0.0|	821.5|	
| 5- 1|si| 6| Tz |		762.0|	-40.8|	0.0|	765.2|	
| 6- 1|si| 9| Ty |		13.4|	0.0|	-210.1|	364.2|	
----- PROGR. 72.						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-9549.5|	351.1|	-0.1|	125.6|	3.2|	724.7|
| 5- 1|	-9118.0|	52.4|	-0.2|	89.1|	-5.8|	722.8|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 6- 1|si| 1|Sx |	Si |	230.0|	0.0|	0.0|	230.0|	
| 5- 1|si| 6| Tz |		176.8|	-30.5|	0.0|	184.5|	
| 6- 1|si| 9| Ty |		12.3|	0.0|	-157.4|	272.9|	
| 6- 1|si|11| Si |		152.3|	0.0|	-132.6|	275.6|	
----- PROGR. 217.8|						
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	12682.2|	214.7|	-0.2|	89.1|	-3.2|	480.0|
| 6- 1|	12319.4|	235.4|	-0.1|	123.0|	3.2|	481.9|
TENSIONI (Sz= 0.00) :						
| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |		
| 5- 1|si| 4|Sx |	Si |	270.5|	0.0|	0.0|	270.5|	
6- 1 si 5 Tz		-215.0	20.2	0.0	217.8	

Copertura area carburante - Relazione di calcolo

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| 6- 1|si| 9| Ty | 11.2| 0.0| -104.7| 181.7|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 25682.5| 282.3| -0.2| 89.1| -0.6| 237.3|
| 6- 1| 25388.4| 119.7| -0.1| 120.4| 3.2| 239.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 523.3| 0.0| 0.0| 523.3|
| 6- 1|si| 5| Tz | -465.3| 10.3| 0.0| 465.7|
| 6- 1|si| 9| Ty | 10.0| 0.0| -52.0| 90.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 29882.9| 255.4| -0.2| 89.1| 2.0| -5.5|
| 12- 6| 5645.9| 2.1| -0.1| 493.7| 7.9| -6.5|
| 11- 5| 6087.6| 0.6| -0.2| 82.0| 1.6| -9.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 599.4| 0.0| 0.0| 599.4|
| 12- 6|si| 6| Tz | -69.2| 1.7| 0.0| 69.2|
| 11- 5|si| 9| Ty | 6.2| 0.0| 2.0| 7.1|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 25283.5| 133.8| -0.2| 89.1| 4.7| -248.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si| 498.6| 0.0| 0.0| 498.6|
| 5- 1|si| 6| Tz | -474.1| 11.0| 0.0| 474.5|
| 5- 1|si| 9| Ty | 7.8| 0.0| 54.0| 93.8|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 11796.1| -227.4| -0.1| 112.6| 3.2| -489.1|
| 5- 1| 11884.2| -82.4| -0.2| 89.1| 7.3| -491.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si| 257.1| 0.0| 0.0| 257.1|
| 5- 1|si| 6| Tz | -214.5| 21.3| 0.0| 217.6|
| 5- 1|si| 9| Ty | 6.1| 0.0| 106.7| 184.9|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -10315.1| -393.2| -0.2| 89.1| 9.9| -733.8|
| 6- 1| -10334.4| -343.1| -0.1| 110.0| 3.2| -731.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| 246.6| 0.0| 0.0| 246.6|
| 5- 1|si| 6| Tz | 214.2| 31.6| 0.0| 221.1|
| 5- 1|si| 9| Ty | 3.6| 0.0| 159.4| 276.1|
| 6- 1|si| 12| Si| 162.6| 0.0| 133.9| 283.3|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -41314.2| -798.6| -0.2| 89.1| 12.5| -976.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| 877.6| 0.0| 0.0| 877.6|
| 5- 1|si| 6| Tz | 811.8| 41.9| 0.0| 815.0|
| 5- 1|si| 9| Ty | 0.4| 0.0| 212.1| 367.4|
-----
VERIFICA STABILITA` :
|L0 = 290. |
Z |Lc = 290. |Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
Y |Lc = 290. |Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
Casol2- 9 - Nodo 4 - Asse Y
Ned = -484.4|Mzeq = -4863.0|Myeq = -823.3|Ss = -421.3 ( 0.161)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 637- 351) 2119
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -41281.6| -660.8| 0.0| 83.9| -12.7| 1113.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| 860.6| 0.0| 0.0| 860.6|
| 5- 1|si| 6| Tz | 806.2| -47.5| 0.0| 810.4|
| 5- 1|si| 9| Ty | 1.1| 0.0| -241.8| 418.8|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -4709.0| -473.7| 0.0| 52.5| -17.1| 778.4|
| 5- 1| -5321.8| -247.0| 0.0| 83.9| -10.1| 870.6|
| 6- 1| -5280.4| 151.8| 0.0| 127.2| 0.6| 870.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 7- 1|si| 2|Sx Si| 147.5| 0.0| 0.0| 147.5|
| 5- 1|si| 6| Tz | 114.8| -37.2| 0.0| 131.6|
| 5- 1|si| 9| Ty | 4.4| 0.0| -189.1| 327.5|
| 6- 1|si| 9| Si| 10.8| 0.0| -189.0| 327.6|
-----
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 21873.6| 130.1| 0.0| 124.6| 0.6| 627.7|
| 5- 1| 21838.1| 72.1| 0.0| 83.9| -7.5| 627.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

6- 1 si 4 Sx	Si	436.6	0.0	0.0	436.6
| 5- 1|si| 6| Tz		-407.6|	-26.8|	0.0|	410.2|
| 5- 1|si| 9| Ty		6.9|	0.0|	-136.4|	236.3|

PROGR.

109.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	40198.2|	296.6|	0.0|	83.9|	-4.9|	385.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	798.1|	0.0|	0.0|	798.1|
| 5- 1|si| 6| Tz		-761.0|	-16.5|	0.0|	761.5|
| 5- 1|si| 9| Ty		8.7|	0.0|	-83.6|	145.1|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	49758.3|	426.5|	0.0|	83.9|	-2.3|	142.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	993.3|	0.0|	0.0|	993.3|
| 5- 1|si| 6| Tz		-945.5|	-6.2|	0.0|	945.5|
| 5- 1|si| 9| Ty		9.7|	0.0|	-30.9|	54.4|

PROGR.

181.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	50518.6|	461.8|	0.0|	83.9|	0.3|	-100.4|
| 6- 1|	50536.3|	65.0|	0.0|	116.8|	0.6|	-100.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	1011.7|	0.0|	0.0|	1011.7|
| 6- 1|si| 6| Tz		-945.6|	4.2|	0.0|	945.6|
| 6- 1|si| 9| Ty		9.3|	0.0|	21.8|	39.0|

PROGR.

218.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	42478.9|	402.5|	0.0|	83.9|	2.9|	-343.2|
| 6- 1|	42490.8|	43.4|	0.0|	114.2|	0.6|	-343.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	853.3|	0.0|	0.0|	853.3|
| 5- 1|si| 6| Tz		-807.5|	14.5|	0.0|	807.9|
| 6- 1|si| 9| Ty		9.0|	0.0|	74.6|	129.5|

PROGR.

254.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	25639.4|	248.5|	0.0|	83.9|	5.6|	-585.9|
| 6- 1|	25645.3|	21.7|	0.0|	111.5|	0.6|	-586.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	518.2|	0.0|	0.0|	518.2|
| 5- 1|si| 6| Tz		-485.1|	24.8|	0.0|	487.0|
| 6- 1|si| 9| Ty		8.6|	0.0|	127.3|	220.6|

PROGR.

290.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 12- 8|	0.0|	0.0|	0.0|	252.2|	2.1|	-140.3|
| 5- 1|	0.0|	0.0|	0.0|	83.9|	8.2|	-828.7|
| 6- 1|	0.0|	0.0|	0.0|	108.9|	0.6|	-828.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 12- 8|si| 3|Sx		19.1|	0.0|	0.0|	19.1|
| 5- 1|si| 6| Tz		6.3|	35.1|	0.0|	61.2|
| 6- 1|si| 9| TySi		8.2|	0.0|	180.0|	311.9|

VERIFICA STABILITA` :

|L0 = 290.1
 Z |Lc = 290.1|Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
 Y |Lc = 290.1|Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
 Caso 6- 2 - Nodo 1 - Asse Y
 Ned = -13.4|Mzeq = 20721.0|Myeq = -23.0|Ss = -399.4 (0.153)

P_IPE120_S009 (9) stato limite ultimo - ASTA (351- 672) 2121

PROGR.

0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 1|	0.0|	0.0|	4.8|	161.1|	0.9|	863.8|
| 5- 1|	0.0|	0.0|	4.8|	106.3|	-8.5|	965.9|
| 6- 1|	0.0|	0.0|	5.3|	158.7|	0.9|	964.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 8- 1|si| 1|Sx		12.2|	0.0|	0.0|	12.2|
| 5- 1|si| 6| Tz		8.0|	-43.1|	0.0|	75.1|
| 5- 1|si| 9| Ty		8.0|	0.0|	-211.4|	366.2|
| 6- 1|si| 9| Si		12.0|	0.0|	-211.3|	366.3|

PROGR.

42.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	35002.6|	297.5|	4.8|	106.3|	-5.5|	681.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si	
| 5- 1|si| 4|Sx	Si	702.0|	0.0|	0.0|	702.0|
| 5- 1|si| 6| Tz		-661.4|	-31.0|	0.0|	663.6|
| 5- 1|si| 9| Ty		10.4|	0.0|	-149.6|	259.3|

PROGR.

85.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
5- 1	57909.4	465.0	4.8	106.3	-2.4	396.7

TENSIONI (Sz= 0.00) :

Caso Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

5- 1 si 4 Sx	Si	1153.0	0.0	0.0	1153.0		
| 5- 1|si| 6| Tz		-1098.6|	-18.9|	0.0|	1099.1|		
| 5- 1|si| 9| Ty		11.7|	0.0|	-87.8|	152.5|		
-----							PROGR. 128.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	68720.2|	502.5|	4.8|	106.3|	0.6|	112.1|	
| 6- 1|	68597.6|	-109.2|	5.3|	149.5|	0.9|	111.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	Si	1361.1|	0.0|	0.0|	1361.1|		
| 6- 1|si| 5| Tz		-1284.9|	7.2|	0.0|	1285.0|		
| 5- 1|si| 9| Ty		12.0|	0.0|	-26.0|	46.6|		
-----							PROGR. 170.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	67435.0|	409.9|	4.8|	106.3|	3.7|	-172.5|	
| 6- 1|	67271.6|	-145.6|	5.3|	146.5|	0.9|	-173.5|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	Si	1326.1|	0.0|	0.0|	1326.1|		
| 5- 1|si| 6| Tz		-1276.3|	10.0|	0.0|	1276.4|		
| 6- 1|si| 9| Ty		9.9|	0.0|	39.5|	69.1|		
-----							PROGR. 212.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	54054.0|	187.2|	4.8|	106.3|	6.8|	-457.2|	
| 6- 1|	53849.6|	-182.0|	5.3|	143.4|	0.9|	-458.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 4|Sx	Si	1048.2|	0.0|	0.0|	1048.2|		
| 5- 1|si| 6| Tz		-1016.8|	22.1|	0.0|	1017.5|		
| 6- 1|si| 9| Ty		9.4|	0.0|	101.3|	175.7|		
-----							PROGR. 255.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	28331.8|	-218.4|	5.3|	140.3|	0.9|	-742.7|	
| 5- 1|	28577.0|	-165.5|	4.8|	106.3|	9.8|	-741.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 3|Sx	Si	569.7|	0.0|	0.0|	569.7|		
| 5- 1|si| 6| Tz		-525.0|	34.2|	0.0|	528.3|		
| 6- 1|si| 9| Ty		8.9|	0.0|	163.1|	282.6|		
-----							PROGR. 298.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 7- 1|	-7575.6|	-931.6|	4.0|	73.7|	21.0|	-916.3|	
| 5- 1|	-8995.9|	-648.2|	4.8|	106.3|	12.9|	-1026.4|	
| 6- 1|	-9282.0|	-254.8|	5.3|	137.3|	0.9|	-1027.3|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 7- 1|si| 2|Sx		256.0|	0.0|	0.0|	256.0|		
| 5- 1|si| 6| Tz		199.1|	46.3|	0.0|	214.6|		
| 6- 1|si| 9| Ty		8.3|	0.0|	224.9|	389.6|		
| 6- 1|si|10| Si		12.4|	0.0|	224.9|	389.7|		
-----							PROGR. 340.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 5- 1|	-58664.7|	-1261.0|	4.8|	106.3|	15.9|	-1311.0|	
| 6- 1|	-58991.7|	-291.2|	5.3|	134.2|	0.9|	-1311.9|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 5- 1|si| 2|Sx	Si	1259.3|	0.0|	0.0|	1259.3|		
| 5- 1|si| 6| Tz		1155.4|	58.4|	0.0|	1159.8|		
| 6- 1|si| 9| Ty		7.8|	0.0|	286.7|	496.7|		
-----							PROGR. 340.
VERIFICA STABILITA` :							
|L0 =	340. |						
Z |Lc =	340. |Ro =	4.90|lm =	69.3|Ncr=	57089.0|alfa(a)=	0.2100|ki=	0.7966|	
Y |Lc =	340. |Ro =	1.45|lm =	235.1|Ncr=	4961.9|alfa(b)=	0.3400|ki=	0.1204|	
Caso 6- 2 - Nodo 1 - Asse Y							
Ned =	-6.4|Mzeq =	27900.9|Myeq =	-48.4|Ss =	-535.4 (0.204)			

P_IPE120_S009 (9)	stato limite ultimo	- ASTA (672- 673)	2123				
-----							PROGR. 0.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	-59029.3|	422.7|	-0.3|	173.0|	2.4|	1128.7|	
| 5- 1|	-58703.1|	-389.0|	-0.3|	116.9|	-10.5|	1127.8|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx	Si	1174.3|	0.0|	0.0|	1174.3|		
| 5- 1|si| 6| Tz		1127.9|	-47.8|	0.0|	1131.0|		
| 6- 1|si| 9| Ty		16.4|	0.0|	-245.2|	425.1|		
-----							PROGR. 42.
SOLLECITAZIONI :							
| Caso |	MZ	MY	MT	N	TZ	TY	
| 6- 1|	-17107.0|	320.1|	-0.3|	169.9|	2.4|	844.1|	
| 5- 1|	-16821.3|	-7.7|	-0.3|	116.9|	-7.4|	843.1|	
TENSIONI (Sz= 0.00) :							
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si			
| 6- 1|si| 1|Sx		372.2|	0.0|	0.0|	372.2|		
| 5- 1|si| 6| Tz		326.1|	-35.7|	0.0|	331.9|		
| 6- 1|si| 9| Ty		15.4|	0.0|	-183.4|	318.0|		
| 6- 1|si|11| Si		266.3|	0.0|	-154.5|	377.5|		
-----							PROGR. 85.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	

Copertura area carburante - Relazione di calcolo

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| 5- 1|      12964.6|      243.5|      -0.3|      116.9|      -4.4|      558.5|
| 6- 1|      12719.3|      217.5|      -0.3|      166.8|      2.4|      559.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 281.3| 0.0| 0.0| 281.3|
| 5- 1|si| 6| Tz | | -243.6| -23.6| 0.0| 247.0|
| 6- 1|si| 9| Ty | | 14.3| 0.0| -121.6| 211.1|
-----
PROGR. 128.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 30654.5| 364.6| -0.3| 116.9| -1.3| 273.9|
| 6- 1| 30449.8| 114.9| -0.3| 163.8| 2.4| 274.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 628.6| 0.0| 0.0| 628.6|
| 6- 1|si| 5| Tz | | -557.6| 11.7| 0.0| 558.0|
| 6- 1|si| 9| Ty | | 13.3| 0.0| -59.8| 104.4|
-----
PROGR. 170.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 36248.5| 355.7| -0.3| 116.9| 1.7| -10.7|
| 12- 6| 6680.7| 8.9| -0.1| -23.1| 5.7| -6.2|
| 7- 1| 32711.4| 584.6| -0.3| 85.6| 1.7| -11.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 733.0| 0.0| 0.0| 733.0|
| 12- 6|si| 6| Tz | | -127.9| 1.3| 0.0| 127.9|
| 7- 1|si| 9| Ty | | 11.1| 0.0| 2.5| 11.9|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 29746.6| 216.8| -0.3| 116.9| 4.8| -295.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | 594.4| 0.0| 0.0| 594.4|
| 5- 1|si| 6| Tz | | -558.9| 13.0| 0.0| 559.4|
| 5- 1|si| 9| Ty | | 10.6| 0.0| 64.2| 111.8|
-----
PROGR. 255.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 11065.6| -193.0| -0.3| 154.6| 2.4| -578.9|
| 5- 1| 11148.8| -52.2| -0.3| 116.9| 7.9| -579.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 6- 1|si| 3|Sx | | 242.5| 0.0| 0.0| 242.5|
| 5- 1|si| 6| Tz | | -199.5| 25.1| 0.0| 204.2|
| 5- 1|si| 9| Ty | | 8.4| 0.0| 126.0| 218.5|
| 6- 1|si|14| Si | 175.5| 0.0| 106.0| 254.0|
-----
PROGR. 298.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -19545.0| -451.3| -0.3| 116.9| 10.9| -864.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 429.3| 0.0| 0.0| 429.3|
| 5- 1|si| 6| Tz | | 392.1| 37.2| 0.0| 397.4|
| 5- 1|si| 9| Ty | | 5.2| 0.0| 187.9| 325.4|
-----
PROGR. 340.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -62334.6| -980.4| -0.3| 116.9| 14.0| -1149.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 1296.8| 0.0| 0.0| 1296.8|
| 5- 1|si| 6| Tz | | 1216.0| 49.3| 0.0| 1219.0|
| 5- 1|si| 9| Ty | | 1.0| 0.0| 249.7| 432.4|
-----
VERIFICA STABILITA` :
|L0 = 340. |
Z |Lc = 340. |Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
Y |Lc = 340. |Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
Caso 6- 2 - Nodo 3 - Asse Y
Ned = -3.9|Mzeq = -24584.7|Myeq = 32.7|Ss = -469.5 ( 0.179)
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 673- 369) 2125
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -62292.3| -949.9| 0.0| 86.3| -15.0| 1321.7|
| 6- 1| -62296.3| 133.4| 0.0| 147.6| 0.4| 1321.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | 1290.2| 0.0| 0.0| 1290.2|
| 5- 1|si| 6| Tz | | 1211.9| -56.4| 0.0| 1215.8|
| 6- 1|si| 9| Ty | | 12.2| 0.0| -287.0| 497.3|
-----
PROGR. 42.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 7- 1| -10838.0| -672.7| 0.0| 60.8| -20.1| 927.3|
| 5- 1| -12170.1| -376.0| 0.0| 86.3| -12.0| 1037.0|
| 6- 1| -12173.5| 116.7| 0.0| 144.5| 0.4| 1037.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 7- 1|si| 2|Sx | | 286.6| 0.0| 0.0| 286.6|
| 5- 1|si| 6| Tz | | 248.3| -44.2| 0.0| 259.9|
| 6- 1|si| 9| TySi | 11.8| 0.0| -225.2| 390.3|
-----
PROGR. 85.
SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY	
6-1	25853.3	100.1	0.0	141.5	0.4	752.4	
5-1	25856.3	67.9	0.0	86.3	-8.9	752.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	509.4	0.0	0.0	509.4
5-1	si	6	Tz	-483.0	-32.1	0.0	486.2
6-1	si	9	Ty	11.5	0.0	-163.4	283.3
-----							128.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	51786.7	381.7	0.0	86.3	-5.9	467.8	
6-1	51784.2	83.4	0.0	138.4	0.4	467.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1026.5	0.0	0.0	1026.5
5-1	si	6	Tz	-982.0	-20.0	0.0	982.6
6-1	si	9	Ty	11.1	0.0	-101.6	176.3
-----							170.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	65621.2	565.5	0.0	86.3	-2.8	183.2	
6-1	65619.2	66.7	0.0	135.3	0.4	183.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1308.4	0.0	0.0	1308.4
5-1	si	6	Tz	-1248.8	-7.9	0.0	1248.9
6-1	si	9	Ty	10.8	0.0	-39.8	69.8
-----							212.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	67359.8	619.2	0.0	86.3	0.3	-101.4	
6-1	67358.3	50.0	0.0	132.3	0.4	-101.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1347.4	0.0	0.0	1347.4
6-1	si	6	Tz	-1260.9	4.2	0.0	1261.0
5-1	si	9	Ty	11.4	0.0	22.0	39.8
-----							255.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	57002.5	542.8	0.0	86.3	3.3	-386.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	1143.4	0.0	0.0	1143.4
5-1	si	6	Tz	-1085.6	16.3	0.0	1086.0
5-1	si	9	Ty	10.8	0.0	83.8	145.6
-----							298.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	34549.2	336.4	0.0	86.3	6.4	-670.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	696.4	0.0	0.0	696.4
5-1	si	6	Tz	-655.7	28.4	0.0	657.5
5-1	si	9	Ty	9.2	0.0	145.6	252.4
-----							340.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-16	0.0	0.0	0.0	360.3	-0.5	-164.5	
5-1	0.0	0.0	0.0	86.3	9.4	-955.2	
6-1	0.0	0.0	0.0	123.1	0.4	-955.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	4	Sx	27.2	0.0	0.0	27.2
5-1	si	6	Tz	6.5	40.5	0.0	70.4
5-1	si	9	Ty	6.5	0.0	207.5	359.4
6-1	si	9	Si	9.3	0.0	207.5	359.4

VERIFICA STABILITA` :							
|L0 = 340. |							
Z	|Lc = 340. |	Ro = 4.90 |	lm = 69.3 |	Ncr = 57089.0 |	alfa(a) = 0.2100 |	ki = 0.7966 |	
Y	|Lc = 340. |	Ro = 1.45 |	lm = 235.1 |	Ncr = 4961.9 |	alfa(b) = 0.3400 |	ki = 0.1204 |	
Caso 6- 2 - Nodo 1 - Asse Y							
Ned = -27.2 | Mzeq = 27452.3 | Myeq = -15.5 | Ss = -536.4 (0.205)							
P_IPE120_S009 (9) stato limite ultimo - ASTA (369- 714) 2127							
-----							0.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-16	0.0	0.0	1.4	310.7	-0.3	150.8	
5-1	0.0	0.0	4.5	89.2	-7.6	905.1	
6-1	0.0	0.0	5.0	156.6	1.1	904.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	1	Sx	23.5	0.0	0.0	23.5
5-1	si	6	Tz	6.7	-40.3	0.0	70.1
5-1	si	9	Ty	6.7	0.0	-198.1	343.1
6-1	si	9	Si	11.8	0.0	-198.0	343.2
-----							40.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
5-1	30656.6	244.3	4.5	89.2	-4.7	639.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5-1	si	4	Sx	612.7	0.0	0.0	612.7
5-1	si	6	Tz	-579.1	-29.0	0.0	581.2
5-1	si	9	Ty	8.7	0.0	-140.3	243.2

Copertura area carburante - Relazione di calcolo

-----								PROGR.	79.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	50758.5|	375.0|	4.5|	89.2|	-1.9|	373.4|			
| 6- 1|	50682.5|	-88.7|	5.0|	150.8|	1.1|	372.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|	|si| 4|Sx	Si| 1006.6|	0.0|	0.0|	1006.6|				
| 6- 1|	|si| 5| Tz	-946.6|	17.8|	0.0|	947.1|				
| 5- 1|	|si| 9| Ty	9.7|	0.0|	-82.6|	143.4|				
-----								PROGR.	119.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	60305.8|	392.4|	4.5|	89.2|	1.0|	107.6|			
| 6- 1|	60191.9|	-133.0|	5.0|	148.0|	1.1|	106.6|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|	|si| 4|Sx	Si| 1188.5|	0.0|	0.0|	1188.5|				
| 6- 1|	|si| 5| Tz	-1127.5|	6.9|	0.0|	1127.5|				
| 5- 1|	|si| 9| Ty	9.9|	0.0|	-24.9|	44.2|				
-----								PROGR.	159.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	59298.6|	296.2|	4.5|	89.2|	3.9|	-158.3|			
| 6- 1|	59146.6|	-177.4|	5.0|	145.1|	1.1|	-159.3|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|	|si| 4|Sx	Si| 1158.4|	0.0|	0.0|	1158.4|				
| 5- 1|	|si| 6| Tz	-1120.5|	9.3|	0.0|	1120.6|				
| 6- 1|	|si| 9| Ty	9.6|	0.0|	36.3|	63.5|				
-----								PROGR.	199.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	47546.7|	-221.7|	5.0|	142.3|	1.1|	-425.1|			
| 5- 1|	47736.7|	86.5|	4.5|	89.2|	6.7|	-424.2|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|	|si| 3|Sx	Si| 932.3|	0.0|	0.0|	932.3|				
| 5- 1|	|si| 6| Tz	-895.7|	20.6|	0.0|	896.4|				
| 6- 1|	|si| 9| Ty	9.0|	0.0|	94.0|	163.1|				
-----								PROGR.	238.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	25392.3|	-266.1|	5.0|	139.4|	1.1|	-691.0|			
| 5- 1|	25620.2|	-236.6|	4.5|	89.2|	9.6|	-690.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|	|si| 3|Sx	Si| 519.8|	0.0|	0.0|	519.8|				
| 5- 1|	|si| 6| Tz	-468.2|	31.9|	0.0|	471.4|				
| 6- 1|	|si| 9| Ty	8.4|	0.0|	151.7|	263.0|				
-----								PROGR.	278.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 7- 1|	-5836.0|	-923.3|	3.7|	68.2|	20.0|	-853.2|			
| 5- 1|	-7050.9|	-673.2|	4.5|	89.2|	12.4|	-955.9|			
| 6- 1|	-7316.8|	-310.4|	5.0|	136.6|	1.1|	-956.8|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 7- 1|	|si| 2|Sx	Si| 221.9|	0.0|	0.0|	221.9|				
| 5- 1|	|si| 6| Tz	162.0|	43.2|	0.0|	178.4|				
| 6- 1|	|si| 9| Ty	7.8|	0.0|	209.5|	362.9|				
| 6- 1|	|si| 10| Si	12.8|	0.0|	209.5|	363.0|				
-----								PROGR.	318.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-50276.6|	-1223.3|	4.5|	89.2|	15.3|	-1221.7|			
| 6- 1|	-50580.5|	-354.8|	5.0|	133.7|	1.1|	-1222.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|	|si| 2|Sx	Si| 1095.6|	0.0|	0.0|	1095.6|				
| 5- 1|	|si| 6| Tz	994.8|	54.5|	0.0|	999.3|				
| 6- 1|	|si| 9| Ty	7.3|	0.0|	267.2|	462.9|				

VERIFICA STABILITA` :									
|L0 = 318. |									
Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|									
Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|									
Caso 6- 2 - Nodo 1 - Asse Y									
Ned = -33.2|Mzeq = 24492.1|Myeq = -94.2|Ss = -491.1 (0.188)									
-----								PROGR.	0.
P_IPE120_S009 (9) stato limite ultimo - ASTA (714- 715) 2129									

SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	-50612.1|	627.2|	0.6|	189.5|	4.0|	1078.7|			
| 5- 1|	-50309.4|	-32.5|	0.5|	112.5|	-7.8|	1077.5|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				
| 6- 1|	|si| 1|Sx	Si| 1040.5|	0.0|	0.0|	1040.5|				
| 5- 1|	|si| 6| Tz	957.6|	-45.4|	0.0|	960.8|				
| 6- 1|	|si| 9| Ty	19.3|	0.0|	-234.5|	406.5|				
-----								PROGR.	40.
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	-13066.9|	468.8|	0.6|	186.7|	4.0|	812.8|			
| 5- 1|	-12808.2|	218.8|	0.5|	112.5|	-4.9|	811.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	|Ve|No|massimi |	Sx	Tz	Ty	Si				

Copertura area carburante - Relazione di calcolo

| 5- 1|	4351.8|	-311.2|	0.0|	134.8|	-11.1|	913.7|
| 6- 1|	4011.4|	89.7|	0.0|	239.3|	0.3|	914.9|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 7- 1|si| 3|Sx |	153.1|	0.0|	0.0|	153.1|
| 5- 1|si| 6| Tz |	-61.5|	-39.1|	0.0|	91.4|
| 6- 1|si| 9| TySi|	18.8|	0.0|	-198.7|	344.7|

----- PROGR. 79.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	35022.5|	76.9|	0.0|	236.4|	0.3|	649.4|
| 5- 1|	35314.3|	72.8|	0.0|	134.8|	-8.3|	648.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 6- 1|si| 4|Sx Si|	686.7|	0.0|	0.0|	686.7|
| 5- 1|si| 6| Tz |	-657.7|	-27.8|	0.0|	659.4|
| 6- 1|si| 9| Ty |	18.5|	0.0|	-141.0|	245.0|

----- PROGR. 119.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	55748.6|	343.7|	0.0|	134.8|	-5.4|	382.6|
| 6- 1|	55505.5|	64.1|	0.0|	233.6|	0.3|	383.8|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	1100.4|	0.0|	0.0|	1100.4|
| 5- 1|si| 6| Tz |	-1051.7|	-16.5|	0.0|	1052.1|
| 6- 1|si| 9| Ty |	18.2|	0.0|	-83.4|	145.5|

----- PROGR. 159.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	65655.0|	501.3|	0.0|	134.8|	-2.5|	117.1|
| 6- 1|	65460.5|	51.2|	0.0|	230.7|	0.3|	118.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	1305.3|	0.0|	0.0|	1305.3|
| 5- 1|si| 6| Tz |	-1243.6|	-5.2|	0.0|	1243.7|
| 6- 1|si| 9| Ty |	17.8|	0.0|	-25.7|	47.9|

----- PROGR. 198.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	65033.3|	545.8|	0.0|	134.8|	0.3|	-148.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	1298.7|	0.0|	0.0|	1298.7|
| 5- 1|si| 6| Tz |	-1233.4|	6.1|	0.0|	1233.5|
| 5- 1|si| 9| Ty |	14.5|	0.0|	32.2|	57.7|

----- PROGR. 238.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	53883.6|	477.1|	0.0|	134.8|	3.2|	-414.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	1080.7|	0.0|	0.0|	1080.7|
| 5- 1|si| 6| Tz |	-1021.0|	17.4|	0.0|	1021.5|
| 5- 1|si| 9| Ty |	14.0|	0.0|	89.9|	156.3|

----- PROGR. 278.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	32205.8|	295.1|	0.0|	134.8|	6.0|	-679.5|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 5- 1|si| 4|Sx Si|	651.2|	0.0|	0.0|	651.2|
| 5- 1|si| 6| Tz |	-606.5|	28.7|	0.0|	608.5|
| 5- 1|si| 9| Ty |	12.5|	0.0|	147.6|	255.9|

----- PROGR. 317.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	0.0|	0.0|	0.0|	265.6|	0.4|	-844.0|
| 5- 1|	0.0|	0.0|	0.0|	134.8|	8.9|	-945.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 8- 1|si| 3|Sx |	20.1|	0.0|	0.0|	20.1|
| 5- 1|si| 6| Tz |	10.2|	40.0|	0.0|	70.0|
| 5- 1|si| 9| TySi|	10.2|	0.0|	205.2|	355.6|

VERIFICA STABILITA` :

|L0 = 317. |
Z |Lc = 317. |Ro = 4.90|lm = 64.7|Ncr= 65591.0|alfa(a)=0.2100|ki=0.8256|
Y |Lc = 317. |Ro = 1.45|lm = 219.4|Ncr= 5700.9|alfa(b)=0.3400|ki=0.1370|
Caso 6- 2 - Nodo 2 - Asse Y
Ned = -46.4|Mzeq = 27035.7|Myeq = 13.5|Ss = -537.0 (0.205)

P_IPE120_S009 (9) stato limite ultimo - ASTA (16- 540) 2135
----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 8- 1|	0.0|	0.0|	22.7|	-283.5|	-0.1|	726.7|
| 5- 1|	0.0|	0.0|	25.8|	-98.9|	-7.5|	812.0|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx |	Tz |	Ty |	Si |
| 8- 1|si| 1|Sx |	-21.4|	0.0|	0.0|	21.4|
| 5- 1|si| 6| Tz |	-7.5|	-46.8|	0.0|	81.4|
| 5- 1|si| 9| TySi|	-7.5|	0.0|	-185.1|	320.6|

----- PROGR. 35.

SOLLECITAZIONI :

| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	24318.6|	219.1|	25.8|	-98.9|	-5.0|	577.6|

TENSIONI (Sz= 0.00) :

Copertura area carburante - Relazione di calcolo

```

| 6- 1|      -9979.5|    -224.1|      0.0|    -304.9|      -0.9|    861.1|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 5- 1|si| 4|Sx |    -257.1|    0.0|    0.0|   257.1|
| 5- 1|si| 6|  Tz |    179.1|   -36.8|    0.0|   190.1|
| 6- 1|si| 9|  TySi|    -24.8|    0.0|   -187.0|   324.9|
-----

```

70.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      16444.6|    -179.8|    0.0|   -233.3|     -8.4|    624.8|
| 6- 1|      16056.6|    -192.1|    0.0|   -307.4|     -0.9|    626.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 5- 1|si| 1|Sx |    -348.3|    0.0|    0.0|   348.3|
| 5- 1|si| 6|  Tz |    -321.5|   -26.9|    0.0|   324.9|
| 6- 1|si| 9|  Ty |    -24.8|    0.0|   -136.1|   237.0|
-----

```

105.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      33889.1|    -160.1|    0.0|   -309.9|     -0.9|    392.3|
| 5- 1|      34212.5|     70.6|    0.0|   -233.3|     -5.9|    390.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 6- 1|si| 1|Sx |    -680.5|    0.0|    0.0|   680.5|
| 5- 1|si| 6|  Tz |    -664.7|   -16.9|    0.0|   665.3|
| 6- 1|si| 9|  Ty |    -24.7|    0.0|    -85.2|   149.6|
-----

```

140.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      43776.9|     232.9|    0.0|   -233.3|     -3.4|    156.1|
| 6- 1|      43518.2|    -128.1|    0.0|   -312.5|     -0.9|    157.9|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 5- 1|si| 2|Sx |    -869.5|    0.0|    0.0|   869.5|
| 5- 1|si| 6|  Tz |    -850.3|     -6.9|    0.0|   850.4|
| 6- 1|si| 9|  Ty |    -24.6|    0.0|   -34.3|    64.3|
-----

```

175.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      45137.9|     307.0|    0.0|   -233.3|     -0.9|   -78.3|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 5- 1|si| 2|Sx |    -903.7|    0.0|    0.0|   903.7|
| 5- 1|si| 5|  Tz |    -858.0|     -3.3|    0.0|   858.0|
| 5- 1|si| 9|  Ty |    -15.2|    0.0|    17.0|    33.1|
-----

```

210.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      38295.4|     292.9|    0.0|   -233.3|     1.7|   -312.7|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 5- 1|si| 2|Sx |    -773.1|    0.0|    0.0|   773.1|
| 5- 1|si| 6|  Tz |    -749.0|    13.0|    0.0|   749.3|
| 5- 1|si| 9|  Ty |    -15.3|    0.0|    67.9|   118.6|
-----

```

245.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      23249.4|     190.5|    0.0|   -233.3|     4.2|   -547.1|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 5- 1|si| 2|Sx |    -477.8|    0.0|    0.0|   477.8|
| 5- 1|si| 6|  Tz |    -462.1|    23.0|    0.0|   463.8|
| 5- 1|si| 9|  Ty |    -16.1|    0.0|   118.8|   206.4|
-----

```

280.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 12- 8|      0.0|     0.0|     0.0|   -462.0|     -0.4|   -130.0|
| 5- 1|      0.0|     0.0|     0.0|   -233.3|     6.7|   -781.5|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 12- 8|si| 1|Sx |    -34.9|    0.0|    0.0|    34.9|
| 5- 1|si| 6|  Tz |    -17.6|    32.9|    0.0|    59.7|
| 5- 1|si| 9|  TySi|    -17.6|    0.0|   169.7|   294.5|
-----

```

VERIFICA STABILITA` :

```

|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a )=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b )=0.3400|ki=0.1722|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -233.3|Mzeq = 33853.4|Myeq = -709.0|Ss = -826.8 ( 0.316)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 317- 594) 2139
-----

```

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 8- 1|      0.0|     0.0|    13.7|   -307.1|     -0.3|    691.6|
| 5- 1|      0.0|     0.0|    15.7|   -235.4|     -7.8|    774.0|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |
| 8- 1|si| 1|Sx |    -23.2|    0.0|    0.0|    23.2|
| 5- 1|si| 6|  Tz |    -17.8|   -40.4|    0.0|    72.2|
| 5- 1|si| 9|  TySi|    -17.8|    0.0|   -173.4|   300.8|
-----

```

35.

SOLLECITAZIONI :

```

| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      22988.0|     230.0|    15.7|   -235.4|     -5.3|    539.6|

```

TENSIONI (Sz= 0.00) :

```

| Caso |Ve|No|massimi |  Sx |  Tz |  Ty |  Si |

```


Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	4	Sx	Si	-374.8	0.0	0.0	374.8
5-1	|si|	6	Tz		292.8	-32.3	0.0	298.0
6-1	|si|	9	Ty		-25.7	0.0	-161.5	280.9

PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	5880.5	-253.3	0.7	-303.3	-3.3	508.2
5-1	6128.6	-180.1	0.6	-264.3	-8.2	506.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	1	Sx	Si	-163.0	0.0	0.0	163.0
5-1	|si|	6	Tz		-129.5	-22.3	0.0	135.1
6-1	|si|	9	Ty		-24.9	0.0	-110.6	193.2
6-1	|si|	11	Si		-111.2	0.0	-93.2	196.0

PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	19566.3	-136.5	0.7	-305.8	-3.3	273.8
5-1	19748.6	62.4	0.6	-264.3	-5.7	272.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	1	Sx	Si	-407.6	0.0	0.0	407.6
5-1	|si|	6	Tz		-394.2	-12.3	0.0	394.8
6-1	|si|	9	Ty		-24.2	0.0	-59.7	106.2

PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	25165.3	216.8	0.6	-264.3	-3.1	37.6
6-1	25048.6	-19.7	0.7	-308.4	-3.3	39.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-519.2	0.0	0.0	519.2
6-1	|si|	6	Tz		-494.6	-2.5	0.0	494.7
6-1	|si|	9	Ty		-23.5	0.0	-8.8	28.0

PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	22378.4	282.9	0.6	-264.3	-0.6	-196.8
6-1	22327.5	97.2	0.7	-310.9	-3.3	-194.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-474.4	0.0	0.0	474.4
6-1	|si|	5	Tz		-441.0	-8.8	0.0	441.3
5-1	|si|	9	Ty		-17.7	0.0	42.9	76.5

PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	11388.1	260.8	0.6	-264.3	1.9	-431.2
6-1	11402.9	214.0	0.7	-313.4	-3.3	-429.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	2	Sx	Si	-264.7	0.0	0.0	264.7
6-1	|si|	5	Tz		-231.4	-18.4	0.0	233.6
5-1	|si|	9	Ty		-17.9	0.0	93.8	163.5

PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-7725.2	330.8	0.7	-315.9	-3.3	-663.7
5-1	-7805.6	150.6	0.6	-264.3	4.4	-665.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	3	Sx	Si	-207.7	0.0	0.0	207.7
5-1	|si|	6	Tz		122.1	28.1	0.0	131.5
5-1	|si|	9	Ty		-18.8	0.0	144.7	251.4
6-1	|si|	14	Si		-139.8	0.0	121.6	252.9

PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-35056.7	447.6	0.7	-318.4	-3.3	-898.1
5-1	-35202.9	-47.9	0.6	-264.3	6.9	-900.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	|si|	3	Sx	Si	-736.4	0.0	0.0	736.4
5-1	|si|	6	Tz		645.0	38.1	0.0	648.3
5-1	|si|	9	Ty		-20.3	0.0	195.6	339.5

VERIFICA STABILITA` :

|L0 = 280. |
 Z |Lc = 280. |Ro = 4.90 |lm = 57.1 |Ncr= 84177.2 |alfa(a) = 0.2100 |ki = 0.8668 |
 Y |Lc = 280. |Ro = 1.45 |lm = 193.6 |Ncr= 7316.3 |alfa(b) = 0.3400 |ki = 0.1722 |
 Caso 5-1 - Nodo 4 - Asse Y
 Ned = -264.3 |Mzeq = -34291.5 |Myeq = -697.4 |Ss = -847.8 (0.324)

P_IPE120_S009 (9) stato limite ultimo - ASTA (595- 596) 2141
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-35209.4	-802.1	-1.0	-261.7	-12.2	909.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
5-1	|si|	4	Sx	Si	-776.0	0.0	0.0	776.0
5-1	|si|	6	Tz		670.4	-39.6	0.0	673.9
5-1	|si|	9	Ty		-26.1	0.0	-197.9	343.7

PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5-1	-7477.5	-419.6	-1.0	-261.7	-9.7	675.1

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx | -209.2| 0.0| 0.0| 209.2|
| 5- 1|si| 6| Tz | 135.1| -29.6| 0.0| 144.5|
| 5- 1|si| 9| TySi | -23.1| 0.0| -147.0| 255.6|
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 12026.5| -212.1| -0.8| -284.3| -2.5| 438.3|
| 5- 1| 12050.9| -125.3| -1.0| -261.7| -7.1| 440.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si | -272.6| 0.0| 0.0| 272.6|
| 5- 1|si| 6| Tz | -242.7| -19.6| 0.0| 245.1|
| 5- 1|si| 9| Ty | -20.8| 0.0| -96.1| 167.7|
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 23264.9| -124.0| -0.8| -286.9| -2.5| 203.9|
| 5- 1| 23375.9| 80.7| -1.0| -261.7| -4.6| 206.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si | -474.4| 0.0| 0.0| 474.4|
| 5- 1|si| 6| Tz | -462.9| -9.7| 0.0| 463.2|
| 5- 1|si| 9| Ty | -19.1| 0.0| -45.1| 80.5|
-----
PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 26497.4| 198.6| -1.0| -261.7| -2.1| -28.0|
| 6- 1| 26299.8| -36.0| -0.8| -289.4| -2.5| -30.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si | -542.0| 0.0| 0.0| 542.0|
| 6- 1|si| 5| Tz | -518.6| -2.0| 0.0| 518.6|
| 6- 1|si| 9| Ty | -22.1| 0.0| 6.9| 25.2|
-----
PROGR. 175.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 21415.4| 228.3| -1.0| -261.7| 0.4| -262.4|
| 6- 1| 21131.2| 52.1| -0.8| -291.9| -2.5| -264.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si | -449.7| 0.0| 0.0| 449.7|
| 6- 1|si| 5| Tz | -418.5| -11.6| 0.0| 419.0|
| 6- 1|si| 9| Ty | -21.6| 0.0| 57.8| 102.4|
-----
PROGR. 210.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 8130.0| 169.8| -1.0| -261.7| 2.9| -496.8|
| 6- 1| 7759.2| 140.1| -0.8| -294.4| -2.5| -499.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx | -192.6| 0.0| 0.0| 192.6|
| 5- 1|si| 6| Tz | -178.6| 21.2| 0.0| 182.3|
| 6- 1|si| 9| Ty | -21.1| 0.0| 108.7| 189.4|
| 5- 1|si|12| Si | -140.4| 0.0| 91.2| 211.3|
-----
PROGR. 245.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -13816.3| 228.2| -0.8| -296.9| -2.5| -733.6|
| 5- 1| -13358.9| 23.1| -1.0| -261.7| 5.5| -731.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx | -309.2| 0.0| 0.0| 309.2|
| 5- 1|si| 6| Tz | 231.2| 31.2| 0.0| 237.4|
| 6- 1|si| 9| Ty | -20.6| 0.0| 159.6| 277.2|
| 6- 1|si|14| Si | -226.9| 0.0| 134.5| 325.1|
-----
PROGR. 280.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| -43595.3| 316.2| -0.8| -299.5| -2.5| -968.0|
| 5- 1| -43051.2| -211.9| -1.0| -261.7| 8.0| -965.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 3|Sx Si | -880.7| 0.0| 0.0| 880.7|
| 5- 1|si| 6| Tz | 798.5| 41.1| 0.0| 801.7|
| 6- 1|si| 9| Ty | -20.1| 0.0| 210.5| 365.1|
-----
PROGR. 35.

VERIFICA STABILITA` :
|L0 = 280.0|
Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 5- 1 - Nodo 4 - Asse Y
Ned = -261.7|Mzeq = -32288.4|Myeq = -601.6|Ss = -797.3 ( 0.304)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 596- 335) 2142
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -43118.6| -987.9| 0.0| -241.0| -13.6| 1091.5|
| 6- 1| -43661.9| -309.3| 0.0| -243.0| -1.1| 1093.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx Si | -944.9| 0.0| 0.0| 944.9|
| 5- 1|si| 6| Tz | 827.1| -46.7| 0.0| 831.1|
| 6- 1|si| 9| Ty | -20.8| 0.0| -237.5| 411.8|
-----
PROGR. 35.

SOLLECITAZIONI :

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Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1	-9016.6	-555.7	0.0	-241.0	-11.1	857.1
6- 1	-9492.0	-270.6	0.0	-245.5	-1.1	859.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	4	Sx	-252.4	0.0	0.0	252.4
5- 1	si	6	Tz	170.2	-36.8	0.0	181.7
6- 1	si	9	TySi	-20.7	0.0	-186.6	323.8

70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	16881.8	-211.8	0.0	-241.0	-8.6	622.8
6- 1	16474.4	-232.0	0.0	-248.0	-1.1	624.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	1	Sx	-360.8	0.0	0.0	360.8
5- 1	si	6	Tz	-329.3	-26.8	0.0	332.5
6- 1	si	9	Ty	-20.6	0.0	-135.7	235.9

105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	34237.3	-193.3	0.0	-250.6	-1.1	390.3
5- 1	34576.9	44.0	0.0	-241.0	-6.0	388.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-686.4	0.0	0.0	686.4
5- 1	si	6	Tz	-671.2	-16.8	0.0	671.9
6- 1	si	9	Ty	-20.5	0.0	-84.8	148.2

140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	44068.4	211.6	0.0	-241.0	-3.5	154.0
6- 1	43796.8	-154.6	0.0	-253.1	-1.1	155.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-873.1	0.0	0.0	873.1
5- 1	si	6	Tz	-855.6	-6.9	0.0	855.7
6- 1	si	9	Ty	-20.4	0.0	-33.9	62.1

175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	45356.5	291.0	0.0	-241.0	-1.0	-80.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-906.5	0.0	0.0	906.5
5- 1	si	5	Tz	-863.2	-3.4	0.0	863.2
5- 1	si	9	Ty	-15.9	0.0	17.5	34.2

210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	38441.1	282.2	0.0	-241.0	1.5	-314.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-775.2	0.0	0.0	775.2
5- 1	si	6	Tz	-752.0	13.1	0.0	752.3
5- 1	si	9	Ty	-16.0	0.0	68.4	119.5

245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	23322.3	185.2	0.0	-241.0	4.0	-549.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1	si	2	Sx	-479.1	0.0	0.0	479.1
5- 1	si	6	Tz	-463.8	23.0	0.0	465.6
5- 1	si	9	Ty	-16.7	0.0	119.3	207.2

280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 6	0.0	0.0	0.0	-590.3	-0.5	-132.4
5- 1	0.0	0.0	0.0	-241.0	6.6	-783.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 6	si	1	Sx	-44.6	0.0	0.0	44.6
5- 1	si	6	Tz	-18.2	33.0	0.0	60.0
5- 1	si	9	TySi	-18.2	0.0	170.2	295.3

VERIFICA STABILITA` :

|L0 = 280.1
 Z |Lc = 280.1|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.1|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -241.0|Mzeq = 34017.4|Myeq = -741.0|Ss = -837.2 (0.320)

P_IPE120_S009 (9) stato limite ultimo - ASTA (335- 640) 2143
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 6	0.0	0.0	3.2	-381.7	-0.3	140.4
5- 1	0.0	0.0	15.4	-210.5	-7.9	807.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 6	si	1	Sx	-28.8	0.0	0.0	28.8
5- 1	si	6	Tz	-15.9	-41.7	0.0	73.9
5- 1	si	9	TySi	-15.9	0.0	-180.5	313.0

36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1	24857.0	238.0	15.4	-210.5	-5.3	564.3

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -511.8| 0.0| 0.0| 511.8|
| 5- 1|si| 6| Tz | | -492.2| -31.3| 0.0| 495.2|
| 5- 1|si| 9| Ty | | -14.0| 0.0| -127.8| 221.7|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 40914.1| 381.4| 15.4| -210.5| -2.7| 321.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -831.0| 0.0| 0.0| 831.0|
| 5- 1|si| 6| Tz | | -799.5| -21.0| 0.0| 800.4|
| 5- 1|si| 9| Ty | | -12.9| 0.0| -75.0| 130.6|
-----
PROGR. 109.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 48171.3| 430.2| 15.4| -210.5| 0.0| 78.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -973.4| 0.0| 0.0| 973.4|
| 5- 1|si| 6| Tz | | -937.9| -10.7| 0.0| 938.1|
| 5- 1|si| 9| Ty | | -12.5| 0.0| -22.3| 40.6|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 46628.7| 384.3| 15.4| -210.5| 2.6| -163.9|
| 6- 1| 46471.1| 20.0| 14.8| -208.5| -0.1| -165.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -939.0| 0.0| 0.0| 939.0|
| 5- 1|si| 6| Tz | | -907.3| 14.6| 0.0| 907.7|
| 6- 1|si| 9| Ty | | -15.6| 0.0| 40.8| 72.4|
-----
PROGR. 181.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 36286.1| 243.9| 15.4| -210.5| 5.2| -406.7|
| 6- 1| 36089.1| 25.0| 14.8| -211.1| -0.1| -407.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -727.9| 0.0| 0.0| 727.9|
| 5- 1|si| 6| Tz | | -707.8| 24.9| 0.0| 709.1|
| 6- 1|si| 9| Ty | | -15.8| 0.0| 93.6| 162.8|
-----
PROGR. 218.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 17143.7| 8.8| 15.4| -210.5| 7.8| -649.4|
| 6- 1| 16907.3| 30.0| 14.8| -213.7| -0.1| -650.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 2|Sx | Si | -340.0| 0.0| 0.0| 340.0|
| 5- 1|si| 6| Tz | Si | -339.2| 35.2| 0.0| 344.7|
| 6- 1|si| 9| Ty | | -15.9| 0.0| 146.3| 253.9|
-----
PROGR. 254.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -10798.7| -320.8| 15.4| -210.5| 10.4| -892.2|
| 6- 1| -11074.4| 35.0| 14.8| -216.4| -0.1| -893.3|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | | -256.5| 0.0| 0.0| 256.5|
| 5- 1|si| 6| Tz | | 198.2| 45.6| 0.0| 213.4|
| 6- 1|si| 9| Ty | | -16.1| 0.0| 199.0| 345.1|
| 5- 1|si| 9| Si | | -18.5| 0.0| 199.0| 345.1|
-----
PROGR. 290.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -47540.9| -745.1| 15.4| -210.5| 13.0| -1135.0|
| 6- 1| -47856.0| 40.0| 14.8| -219.0| -0.1| -1136.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -997.9| 0.0| 0.0| 997.9|
| 5- 1|si| 6| Tz | | 904.7| 55.9| 0.0| 909.9|
| 6- 1|si| 9| Ty | | -16.2| 0.0| 251.7| 436.3|
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VERIFICA STABILITA` :
|L0 = 290. |
Z |Lc = 290. |Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
Y |Lc = 290. |Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -210.5|Mzeq = 36128.5|Myeq = -558.8|Ss = -847.8 ( 0.324)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 640- 641) 2144
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -47460.7| -840.1| 0.2| -205.7| -12.6| 975.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si | |
| 5- 1|si| 4|Sx | Si | -1007.0| 0.0| 0.0| 1007.0|
| 5- 1|si| 6| Tz | | 906.7| -41.9| 0.0| 909.6|
| 5- 1|si| 9| Ty | | -22.2| 0.0| -212.0| 367.8|
-----
PROGR. 36.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| -16491.2| -432.0| 0.2| -205.7| -10.0| 733.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |

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Copertura area carburante - Relazione di calcolo

5- 1 si 4 Sx	Si	-376.2	0.0	0.0	376.2
| 5- 1|si| 6| Tz		309.6|	-31.6|	0.0|	314.4|
| 5- 1|si| 9| Ty		-19.0|	0.0|	-159.2|	276.5|

PROGR.

72.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	5341.7|	-202.5|	0.3|	-181.3|	-2.4|	489.9|
| 5- 1|	5678.3|	-118.5|	0.2|	-205.7|	-7.3|	490.2|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 1|Sx	-137.8|	0.0|	0.0|	137.8|
| 5- 1|si| 6| Tz	-118.6|	-21.3|	0.0|	124.2|
| 5- 1|si| 9| TySi	-16.5|	0.0|	-106.5|	185.2|

PROGR.

109.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	19048.0|	100.4|	0.2|	-205.7|	-4.7|	247.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	-386.1|	0.0|	0.0|	386.1|
| 5- 1|si| 6| Tz	-377.8|	-11.0|	0.0|	378.3|
| 5- 1|si| 9| Ty	-14.7|	0.0|	-53.8|	94.3|

PROGR.

145.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	23617.7|	224.7|	0.2|	-205.7|	-2.1|	4.7|
| 6- 1|	23258.9|	-25.3|	0.3|	-186.5|	-2.4|	4.4|
| 12-15|	4020.7|	-5.4|	0.2|	127.5|	0.5|	5.7|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	-486.6|	0.0|	0.0|	486.6|
| 6- 1|si| 6| Tz	-451.5|	-0.8|	0.0|	451.5|
| 12-15|si| 9| Ty	9.6|	0.0|	-1.3|	9.8|

PROGR.

181.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	19387.6|	254.4|	0.2|	-205.7|	0.5|	-238.1|
| 6- 1|	19017.6|	63.4|	0.3|	-189.1|	-2.4|	-238.4|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	-410.3|	0.0|	0.0|	410.3|
| 6- 1|si| 5| Tz	-370.5|	-10.3|	0.0|	371.0|
| 6- 1|si| 9| Ty	-13.8|	0.0|	51.9|	90.9|

PROGR.

218.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	6357.6|	189.5|	0.2|	-205.7|	3.1|	-480.8|
| 6- 1|	5976.5|	152.0|	0.3|	-191.7|	-2.4|	-481.1|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 2|Sx	-157.2|	0.0|	0.0|	157.2|
| 5- 1|si| 6| Tz	-141.6|	20.2|	0.0|	145.9|
| 6- 1|si| 9| Ty	-13.3|	0.0|	104.6|	181.7|
| 5- 1|si|12| Si	-110.3|	0.0|	88.0|	188.2|

PROGR.

254.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	-15864.5|	240.6|	0.3|	-194.3|	-2.4|	-723.9|
| 5- 1|	-15472.3|	30.0|	0.2|	-205.7|	5.7|	-723.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 3|Sx	-341.4|	0.0|	0.0|	341.4|
| 5- 1|si| 6| Tz	275.0|	30.5|	0.0|	280.0|
| 6- 1|si| 9| Ty	-12.8|	0.0|	157.3|	272.8|

PROGR.

290.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 6- 1|	-46505.4|	329.2|	0.3|	-196.9|	-2.4|	-966.6|
| 5- 1|	-46102.1|	-224.2|	0.2|	-205.7|	8.3|	-966.3|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 6- 1|si| 3|Sx	-929.3|	0.0|	0.0|	929.3|
| 5- 1|si| 6| Tz	860.6|	40.8|	0.0|	863.5|
| 6- 1|si| 9| Ty	-12.3|	0.0|	210.1|	364.0|

VERIFICA STABILITA` :

|L0 = 290. |
 Z |Lc = 290. |Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
 Y |Lc = 290. |Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
 Caso 5- 1 - Nodo 4 - Asse Y
 Ned = -205.7|Mzeq = -35595.5|Myeq = -630.1|Ss = -843.8 (0.322)

P_IPE120_S009 (9) stato limite ultimo - ASTA (641- 353) 2145
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-46178.5|	-1060.3|	0.0|	-200.7|	-14.1|	1130.3|
| 6- 1|	-46580.0|	-324.0|	0.0|	-154.4|	-1.1|	1131.6|

TENSIONI (Sz= 0.00) :

| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si
| 5- 1|si| 4|Sx	-1007.9|	0.0|	0.0|	1007.9|
| 5- 1|si| 6| Tz	890.2|	-48.4|	0.0|	894.2|
| 6- 1|si| 9| Ty	-14.2|	0.0|	-245.8|	425.9|

PROGR.

36.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1|	-9606.5|	-596.6|	0.0|	-200.7|	-11.5|	887.5|
| 6- 1|	-9957.9|	-283.5|	0.0|	-157.0|	-1.1|	888.9|

Copertura area carburante - Relazione di calcolo

```

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 4|Sx | -265.2| 0.0| 0.0| 265.2|
| 5- 1|si| 6| Tz | 185.7| -38.1| 0.0| 197.1|
| 6- 1|si| 9| TySi | -14.1| 0.0| -193.0| 334.7|
-----
PROGR. 72.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 18165.5| -227.5| 0.0| -200.7| -8.9| 644.7|
| 6- 1| 17864.3| -243.0| 0.0| -159.6| -1.1| 646.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx Si| -383.8| 0.0| 0.0| 383.8|
| 5- 1|si| 6| Tz | -349.9| -27.8| 0.0| 353.2|
| 6- 1|si| 9| Ty | -14.0| 0.0| -140.3| 243.5|
-----
PROGR. 109.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 36886.7| -202.5| 0.0| -162.2| -1.1| 403.4|
| 5- 1| 37137.6| 46.9| 0.0| -200.7| -6.3| 402.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx Si| -730.7| 0.0| 0.0| 730.7|
| 5- 1|si| 6| Tz | -716.5| -17.4| 0.0| 717.2|
| 6- 1|si| 9| Ty | -13.9| 0.0| -87.6| 152.4|
-----
PROGR. 145.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 47309.9| 226.8| 0.0| -200.7| -3.7| 159.2|
| 6- 1| 47109.1| -162.0| 0.0| -164.8| -1.1| 160.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -932.9| 0.0| 0.0| 932.9|
| 5- 1|si| 6| Tz | -914.2| -7.1| 0.0| 914.3|
| 6- 1|si| 9| Ty | -13.7| 0.0| -34.9| 62.0|
-----
PROGR. 181.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 48682.2| 312.0| 0.0| -200.7| -1.0| -83.5|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -968.6| 0.0| 0.0| 968.6|
| 5- 1|si| 5| Tz | -922.1| -3.6| 0.0| 922.2|
| 5- 1|si| 9| Ty | -12.7| 0.0| 18.1| 33.9|
-----
PROGR. 218.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 41254.7| 302.6| 0.0| -200.7| 1.6| -326.3|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -827.5| 0.0| 0.0| 827.5|
| 5- 1|si| 6| Tz | -802.6| 13.5| 0.0| 802.9|
| 5- 1|si| 9| Ty | -12.8| 0.0| 70.9| 123.4|
-----
PROGR. 254.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 25027.3| 198.6| 0.0| -200.7| 4.2| -569.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -509.7| 0.0| 0.0| 509.7|
| 5- 1|si| 6| Tz | -493.4| 23.9| 0.0| 495.1|
| 5- 1|si| 9| Ty | -13.6| 0.0| 123.6| 214.5|
-----
PROGR. 290.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -200.7| 6.8| -811.8|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -15.2| 0.0| 0.0| 15.2|
| 5- 1|si| 6| Tz | -15.2| 34.2| 0.0| 61.1|
| 5- 1|si| 9| TySi | -15.2| 0.0| 176.3| 305.7|
-----
-----
VERIFICA STABILITA' :

|L0 = 290.0|
Z |Lc = 290.0|Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
Y |Lc = 290.0|Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -200.7|Mzeq = 36511.7|Myeq = -795.2|Ss = -878.4 ( 0.335)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 353- 676) 2146
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 8- 2| 0.0| 0.0| 3.5| -224.0| 0.1| 120.8|
| 5- 1| 0.0| 0.0| 17.2| -179.6| -9.2| 943.2|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 8- 2|si| 1|Sx | -16.9| 0.0| 0.0| 16.9|
| 5- 1|si| 6| Tz | -13.6| -48.3| 0.0| 84.7|
| 5- 1|si| 9| TySi | -13.6| 0.0| -210.7| 365.1|
-----
PROGR. 42.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 34039.4| 325.1| 17.2| -179.6| -6.1| 658.6|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 2|Sx Si| -692.6| 0.0| 0.0| 692.6|
| 5- 1|si| 6| Tz | -665.8| -36.2| 0.0| 668.7|

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Copertura area carburante - Relazione di calcolo

5- 1 si 9	Ty	-11.0	0.0	-148.9	258.1				
----- PROGR. 85.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	55982.9|	520.2|	17.2|	-179.6|	-3.1|	374.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-1128.6|	0.0|	0.0|	1128.6|				
| 5- 1|si| 6|	Tz	-1085.8|	-24.1|	0.0|	1086.6|				
| 5- 1|si| 9|	Ty	-9.4|	0.0|	-87.0|	151.1|				
----- PROGR. 128.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	65830.5|	585.2|	17.2|	-179.6|	0.0|	89.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-1321.7|	0.0|	0.0|	1321.7|				
| 5- 1|si| 6|	Tz	-1273.5|	-12.0|	0.0|	1273.7|				
| 5- 1|si| 9|	Ty	-8.9|	0.0|	-25.2|	44.6|				
----- PROGR. 170.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	63582.1|	520.2|	17.2|	-179.6|	3.1|	-195.2|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-1271.8|	0.0|	0.0|	1271.8|				
| 5- 1|si| 6|	Tz	-1229.0|	16.8|	0.0|	1229.3|				
| 5- 1|si| 9|	Ty	-9.4|	0.0|	48.2|	84.0|				
----- PROGR. 212.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	49237.8|	325.1|	17.2|	-179.6|	6.1|	-479.8|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-979.0|	0.0|	0.0|	979.0|				
| 5- 1|si| 6|	Tz	-952.2|	28.9|	0.0|	953.5|				
| 5- 1|si| 9|	Ty	-11.0|	0.0|	110.0|	190.9|				
----- PROGR. 255.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	22797.6|	0.0|	17.2|	-179.6|	9.2|	-764.4|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 2|Sx	Si	-443.2|	0.0|	0.0|	443.2|				
| 5- 1|si| 6|	Tz	-443.2|	41.0|	0.0|	448.8|				
| 5- 1|si| 9|	Ty	-13.6|	0.0|	171.8|	297.9|				
----- PROGR. 298.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-15738.5|	-455.2|	17.2|	-179.6|	12.2|	-1049.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-362.8|	0.0|	0.0|	362.8|				
| 5- 1|si| 6|	Tz	298.1|	53.1|	0.0|	312.0|				
| 5- 1|si| 9|	Ty	-17.2|	0.0|	233.6|	405.0|				
| 5- 1|si|13|	Si	-248.0|	0.0|	197.7|	422.8|				
----- PROGR. 340.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-66370.6|	-1040.4|	17.2|	-179.6|	15.3|	-1333.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-1384.5|	0.0|	0.0|	1384.5|				
| 5- 1|si| 6|	Tz	1271.7|	65.2|	0.0|	1276.7|				
| 5- 1|si| 9|	Ty	-21.8|	0.0|	295.5|	512.2|				
----- PROGR. 340.									
VERIFICA STABILITA` :									
|L0 =	340. |								
Z |Lc =	340. |Ro =	4.90|lm =	69.3|Ncr=	57089.0|alfa(a)=	0.2100|ki=	0.7966|			
Y |Lc =	340. |Ro =	1.45|lm =	235.1|Ncr=	4961.9|alfa(b)=	0.3400|ki=	0.1204|			
Caso 5- 1 -	Nodo 4 -	Asse Y							
Ned =	-179.6|Mzeq =	-49777.9|Myeq =	-780.3|Ss =	-1147.3 (	0.438)				
----- PROGR. 0.									
P_IPE120_S009 (9) stato limite ultimo - ASTA (676- 677) 2147									
----- PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-66279.2|	-962.9|	-0.2|	-177.3|	-13.6|	1133.6|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-1373.7|	0.0|	0.0|	1373.7|				
| 5- 1|si| 6|	Tz	1267.5|	-48.6|	0.0|	1270.3|				
| 5- 1|si| 9|	Ty	-21.0|	0.0|	-246.3|	427.1|				
----- PROGR. 42.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 5- 1|	-24148.9|	-450.4|	-0.2|	-177.3|	-10.5|	849.0|			
TENSIONI (Sz= 0.00) :									
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si					
| 5- 1|si| 4|Sx	Si	-520.5|	0.0|	0.0|	520.5|				
| 5- 1|si| 6|	Tz	456.6|	-36.5|	0.0|	461.0|				
| 5- 1|si| 9|	Ty	-17.0|	0.0|	-184.5|	319.9|				
----- PROGR. 85.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	5653.3|	-169.7|	-0.1|	-106.5|	-1.5|	564.1|			
| 5- 1|	5885.4|	-68.0|	-0.2|	-177.3|	-7.5|	564.4|			
TENSIONI (Sz= 0.00) :									

Copertura area carburante - Relazione di calcolo

| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|si| 1|Sx		| -134.2|	| 0.0|	| 0.0|	| 134.2|	
| 5- 1|si| 6| Tz		| -122.0|	| -24.3|	| 0.0|	| 129.1|	
| 5- 1|si| 9| TySi		| -13.9|	| 0.0|	| -122.6|	| 212.9|	
-----						PROGR. 128.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	23823.8|	184.3|	-0.2|	-177.3|	-4.4|	279.8|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|si| 2|Sx	Si|	-483.6|	0.0|	0.0|	483.6|	
| 5- 1|si| 6| Tz		-468.4|	-12.2|	0.0|	468.9|	
| 5- 1|si| 9| Ty		-11.9|	0.0|	-60.8|	106.0|	
-----						PROGR. 170.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	29666.3|	306.6|	-0.2|	-177.3|	-1.3|	-4.8|
| 7- 1|	26835.7|	540.4|	-0.3|	-169.2|	-1.2|	-4.7|
| 8- 1|	26406.2|	-35.2|	-0.1|	-61.5|	-1.5|	-5.2|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|si| 2|Sx	Si|	-607.9|	0.0|	0.0|	607.9|	
| 7- 1|si| 5| Tz		-500.5|	-0.5|	0.0|	500.5|	
| 8- 1|si| 9| Ty		-4.9|	0.0|	1.1|	5.3|	
-----						PROGR. 212.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	23412.9|	298.9|	-0.2|	-177.3|	1.7|	-289.4|
| 6- 1|	23142.4|	26.7|	-0.1|	-115.7|	-1.5|	-289.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|si| 2|Sx	Si|	-489.1|	0.0|	0.0|	489.1|	
| 5- 1|si| 6| Tz		-464.5|	12.2|	0.0|	465.0|	
| 6- 1|si| 9| Ty		-8.5|	0.0|	62.9|	109.4|	
-----						PROGR. 255.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	5063.5|	161.1|	-0.2|	-177.3|	4.8|	-574.1|
| 6- 1|	4780.3|	92.2|	-0.1|	-118.7|	-1.5|	-574.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|si| 2|Sx		-127.4|	0.0|	0.0|	127.4|	
| 5- 1|si| 6| Tz		-114.2|	24.3|	0.0|	121.7|	
| 6- 1|si| 9| Ty		-8.2|	0.0|	124.8|	216.2|	
| 5- 1|si|10| Si		-14.7|	0.0|	124.7|	216.6|	
-----						PROGR. 298.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 6- 1|	-25677.8|	157.6|	-0.1|	-121.8|	-1.5|	-859.0|
| 5- 1|	-25381.8|	-106.8|	-0.2|	-177.3|	7.8|	-858.7|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|si| 3|Sx	Si|	-511.3|	0.0|	0.0|	511.3|	
| 5- 1|si| 6| Tz		468.4|	36.4|	0.0|	472.7|	
| 6- 1|si| 9| Ty		-7.9|	0.0|	186.6|	323.2|	
-----						PROGR. 340.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-67923.0|	-504.7|	-0.2|	-177.3|	10.9|	-1143.3|
| 6- 1|	-68231.8|	223.1|	-0.1|	-124.8|	-1.5|	-1143.6|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|si| 4|Sx	Si|	-1351.6|	0.0|	0.0|	1351.6|	
| 5- 1|si| 6| Tz		1283.3|	48.5|	0.0|	1286.0|	
| 6- 1|si| 9| Ty		-7.7|	0.0|	248.4|	430.3|	

VERIFICA STABILITA` :						
|L0 =	340. |					
Z |Lc =	340. |Ro =	4.90 |lm =	69.3 |Ncr=	57089.0 |alfa(a)=	0.2100 |ki=	0.7966 |
Y |Lc =	340. |Ro =	1.45 |lm =	235.1 |Ncr=	4961.9 |alfa(b)=	0.3400 |ki=	0.1204 |
Caso 5- 1 -	Nodo 4 -	Asse Y				
Ned =	-177.3 |Mzeq =	-50942.2 |Myeq =	-722.2 |Ss =	-1160.7 (	0.443)	

P_IPE120_S009 (9)	stato limite ultimo - ASTA (677- 371)					2148
-----						PROGR. 0.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-68020.6|	-1269.8|	0.0|	-180.9|	-16.0|	1338.5|
| 6- 1|	-68327.9|	-250.3|	0.0|	-91.7|	-0.7|	1339.4|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|si| 4|Sx	Si|	-1442.2|	0.0|	0.0|	1442.2|	
| 5- 1|si| 6| Tz		1310.3|	-57.2|	0.0|	1314.0|	
| 6- 1|si| 9| Ty		-8.9|	0.0|	-290.9|	503.9|	
-----						PROGR. 42.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |
| 5- 1|	-17182.3|	-655.9|	0.0|	-180.9|	-12.9|	1053.9|
| 6- 1|	-17451.2|	-219.0|	0.0|	-94.8|	-0.7|	1054.8|
TENSIONI (Sz= 0.00) :						
| Caso |	|Ve|No|massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|si| 4|Sx		-413.3|	0.0|	0.0|	413.3|	
| 5- 1|si| 6| Tz		331.9|	-45.1|	0.0|	341.0|	
| 6- 1|si| 9| Ty		-8.9|	0.0|	-229.1|	396.9|	
| 5- 1|si|13| Si		-270.9|	0.0|	-192.8|	430.0|	
-----						PROGR. 85.
SOLLECITAZIONI :						
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |

Copertura area carburante - Relazione di calcolo

| 5- 1 |	21560.1	-172.1	0.0	-180.9	-9.9	769.3
| 6- 1 |	21329.6	-187.7	0.0	-97.9	-0.7	770.2

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	|1|Sx	Si	-439.8	0.0	0.0	439.8
| 5- 1 |	|6|Tz	-414.2	-33.0	0.0	418.1	
| 6- 1 |	|9|Ty	-8.9	0.0	-167.3	289.9	

----- PROGR. 128.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	48206.5	181.7	0.0	-180.9	-6.8	484.7
| 6- 1 |	48014.5	-156.4	0.0	-100.9	-0.7	485.6

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	|2|Sx	Si	-943.1	0.0	0.0	943.1
| 5- 1 |	|6|Tz	-928.1	-20.9	0.0	928.8	
| 6- 1 |	|9|Ty	-8.9	0.0	-105.5	182.9	

----- PROGR. 170.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	62757.1	405.5	0.0	-180.9	-3.7	200.1
| 6- 1 |	62603.4	-125.2	0.0	-104.0	-0.7	201.0

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	|2|Sx	Si	-1243.1	0.0	0.0	1243.1
| 5- 1 |	|6|Tz	-1209.7	-8.8	0.0	1209.8	
| 6- 1 |	|9|Ty	-8.9	0.0	-43.6	76.1	

----- PROGR. 212.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	65211.7	499.2	0.0	-180.9	-0.7	-84.5

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	|2|Sx	Si	-1300.2	0.0	0.0	1300.2
| 5- 1 |	|5|Tz	-1225.9	-3.6	0.0	1225.9	
| 5- 1 |	|9|Ty	-9.7	0.0	18.4	33.3	

----- PROGR. 255.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	55570.4	462.8	0.0	-180.9	2.4	-369.2

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	|2|Sx	Si	-1114.3	0.0	0.0	1114.3
| 5- 1 |	|6|Tz	-1076.2	15.4	0.0	1076.5	
| 5- 1 |	|9|Ty	-10.0	0.0	80.2	139.2	

----- PROGR. 298.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	33833.2	296.4	0.0	-180.9	5.4	-653.8

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	|2|Sx	Si	-685.5	0.0	0.0	685.5
| 5- 1 |	|6|Tz	-661.1	27.5	0.0	662.8	
| 5- 1 |	|9|Ty	-11.3	0.0	142.0	246.2	

----- PROGR. 340.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 2 |	0.0	0.0	0.0	-214.1	-0.1	-120.7
| 5- 1 |	0.0	0.0	0.0	-180.9	8.5	-938.4

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si
| 8- 2 |	|1|Sx	-16.2	0.0	0.0	16.2
| 5- 1 |	|6|Tz	-13.7	39.6	0.0	70.0
| 5- 1 |	|9|TySi	-13.7	0.0	203.8	353.2

VERIFICA STABILITA` :

|L0 = 340. |
 Z |Lc = 340. |Ro = 4.90 |lm = 69.3 |Ncr= 57089.0 |alfa(a)=0.2100 |ki=0.7966 |
 Y |Lc = 340. |Ro = 1.45 |lm = 235.1 |Ncr= 4961.9 |alfa(b)=0.3400 |ki=0.1204 |
 Caso 5- 1 - Nodo 4 - Asse Y
 Ned = -180.9 |Mzeq = -51015.5 |Myeq = -952.4 |Ss = -1192.2 (0.455)

P_IPE120_S009 (9) stato limite ultimo - ASTA (371- 720) 2149
 ----- PROGR. 0.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 8- 2 |	0.0	0.0	3.6	-266.7	0.0	112.6
| 5- 1 |	0.0	0.0	16.5	-183.9	-9.0	876.3

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si
| 8- 2 |	|1|Sx	-20.1	0.0	0.0	20.1
| 5- 1 |	|6|Tz	-13.9	-45.2	0.0	79.5
| 5- 1 |	|9|TySi	-13.9	0.0	-195.9	339.6

----- PROGR. 40.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
| 5- 1 |	29511.0	300.1	16.5	-183.9	-6.1	610.4

TENSIONI (Sz= 0.00) :

| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si	
| 5- 1 |	|2|Sx	Si	-604.7	0.0	0.0	604.7
| 5- 1 |	|6|Tz	-580.0	-33.9	0.0	582.9	
| 5- 1 |	|9|Ty	-11.5	0.0	-138.2	239.6	

----- PROGR. 79.

SOLLECITAZIONI :

| Caso |	MZ	MY	MT	N	TZ	TY
5- 1	48467.4	486.7	16.5	-183.9	-3.3	344.6

TENSIONI (Sz= 0.00) :

Caso	Ve No massimi	Sx	Tz	Ty	Si
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Copertura area carburante - Relazione di calcolo

5- 1 si 2 Sx	Si	-983.5	0.0	0.0	983.5			
| 5- 1|si| 6| Tz		-943.4|	-22.6|	0.0|	944.2|			
| 5- 1|si| 9| Ty		-10.0|	0.0|	-80.4|	139.6|			
-----							PROGR.	119.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	56869.2|	559.8|	16.5|	-183.9|	-0.4|	78.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1150.2|	0.0|	0.0|	1150.2|			
| 5- 1|si| 6| Tz		-1104.1|	-11.3|	0.0|	1104.3|			
| 5- 1|si| 9| Ty		-9.4|	0.0|	-22.7|	40.4|			
-----							PROGR.	159.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	54716.4|	519.5|	16.5|	-183.9|	2.4|	-187.2|		
| 6- 1|	54566.3|	71.7|	16.0|	-95.1|	-0.5|	-188.1|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-1105.0|	0.0|	0.0|	1105.0|			
| 5- 1|si| 6| Tz		-1062.2|	16.0|	0.0|	1062.6|			
| 6- 1|si| 9| Ty		-6.6|	0.0|	46.2|	80.4|			
-----							PROGR.	199.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	42009.0|	365.7|	16.5|	-183.9|	5.3|	-453.0|		
| 6- 1|	41821.4|	89.7|	16.0|	-97.9|	-0.5|	-454.0|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-847.8|	0.0|	0.0|	847.8|			
| 5- 1|si| 6| Tz		-817.6|	27.3|	0.0|	819.0|			
| 6- 1|si| 9| Ty		-6.7|	0.0|	104.0|	180.2|			
-----							PROGR.	238.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	18746.9|	98.4|	16.5|	-183.9|	8.2|	-718.9|		
| 6- 1|	18521.9|	107.6|	16.0|	-100.8|	-0.5|	-719.8|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 2|Sx	Si	-378.5|	0.0|	0.0|	378.5|			
| 5- 1|si| 6| Tz		-370.4|	38.7|	0.0|	376.4|			
| 6- 1|si| 9| Ty		-6.8|	0.0|	161.7|	280.2|			
-----							PROGR.	278.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-15069.7|	-282.4|	16.5|	-183.9|	11.0|	-984.7|		
| 6- 1|	-15332.3|	125.5|	16.0|	-103.7|	-0.5|	-985.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-330.5|	0.0|	0.0|	330.5|			
| 5- 1|si| 6| Tz		279.5|	50.0|	0.0|	292.6|			
| 6- 1|si| 9| Ty		-6.8|	0.0|	219.5|	380.2|			
| 5- 1|si|13| Si		-237.2|	0.0|	185.7|	399.7|			
-----							PROGR.	318.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-59441.0|	-776.7|	16.5|	-183.9|	13.9|	-1250.6|		
| 6- 1|	-59741.1|	143.5|	16.0|	-106.5|	-0.5|	-1251.5|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-1223.8|	0.0|	0.0|	1223.8|			
| 5- 1|si| 6| Tz		1132.0|	61.3|	0.0|	1137.0|			
| 6- 1|si| 9| Ty		-6.9|	0.0|	277.2|	480.2|			
-----							PROGR.	318.
VERIFICA STABILITA' :								
|L0 =	318. |							
Z |Lc =	318. |Ro = 4.90|lm = 64.8|Ncr=	65425.9|alfa(a)=0.2100|ki=0.8251|						
Y |Lc =	318. |Ro = 1.45|lm = 219.6|Ncr=	5686.5|alfa(b)=0.3400|ki=0.1366|						
Caso 5- 1 -	Nodo 4 -	Asse Y						
Ned =	-183.9|Mzeq =	-44580.7|Myeq =	-582.5|Ss =	-1013.7 (0.387)				
P_IPE120_S009 (9)	stato limite ultimo	- ASTA (720- 721)	2150					
-----							PROGR.	0.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-59368.5|	-1112.9|	0.2|	-193.9|	-14.4|	1117.3|		
| 6- 1|	-59669.0|	-526.1|	0.2|	-79.0|	-3.0|	1118.6|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-1262.0|	0.0|	0.0|	1262.0|			
| 5- 1|si| 6| Tz		1141.1|	-48.0|	0.0|	1144.1|			
| 6- 1|si| 9| Ty		-10.2|	0.0|	-243.0|	421.0|			
-----							PROGR.	40.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	-20287.9|	-600.0|	0.2|	-193.9|	-11.5|	851.5|		
| 6- 1|	-20539.6|	-406.0|	0.2|	-81.9|	-3.0|	852.7|		
TENSIONI (Sz= 0.00) :								
| Caso |Ve|No|massimi |	Sx	Tz	Ty	Si				
| 5- 1|si| 4|Sx	Si	-466.3|	0.0|	0.0|	466.3|			
| 5- 1|si| 6| Tz		387.6|	-36.7|	0.0|	392.8|			
| 6- 1|si| 9| Ty		-9.4|	0.0|	-185.3|	321.0|			
-----							PROGR.	79.
SOLLECITAZIONI :								
| Caso |	MZ	MY	MT	N	TZ	TY		
| 5- 1|	8238.2|	-200.5|	0.2|	-193.9|	-8.6|	585.6|		
| 6- 1|	8035.1|	-285.8|	0.2|	-84.7|	-3.0|	586.8|		
TENSIONI (Sz= 0.00) :								

Copertura area carburante - Relazione di calcolo

|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	5- 1|	|si| 1|Sx	|	-193.1|	|	0.0|	|	0.0|	|	193.1|	|			
|	5- 1|	|si| 6| Tz	|	-163.2|	|	-25.4|	|	0.0|	|	169.0|	|			
|	6- 1|	|si| 9| Ty	|	-8.7|	|	0.0|	|	-127.5|	|	221.0|	|			
|	5- 1|	|si|11| Si	|	-137.1|	|	0.0|	|	-107.2|	|	230.8|	|			
----- PROGR.														
119.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	|	26209.7|	|	85.6|	|	0.2|	|	-193.9|	|	-5.8|	|	319.8|	|
|	6- 1|	|	26055.3|	|	-165.7|	|	0.2|	|	-87.6|	|	-3.0|	|	321.0|	|
TENSIONI (Sz= 0.00) :														
|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	5- 1|	|si| 2|Sx	|	-518.4|	|	0.0|	|	0.0|	|	518.4|	|			
|	5- 1|	|si| 6| Tz	|	-511.4|	|	-14.1|	|	0.0|	|	512.0|	|			
|	6- 1|	|si| 9| Ty	|	-7.9|	|	0.0|	|	-69.8|	|	121.1|	|			
----- PROGR.														
159.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	|	33626.5|	|	258.1|	|	0.2|	|	-193.9|	|	-2.9|	|	53.9|	|
|	6- 1|	|	33520.9|	|	-45.5|	|	0.2|	|	-90.4|	|	-3.0|	|	55.1|	|
TENSIONI (Sz= 0.00) :														
|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	5- 1|	|si| 2|Sx	|	-678.1|	|	0.0|	|	0.0|	|	678.1|	|			
|	6- 1|	|si| 6| Tz	|	-637.0|	|	-2.9|	|	0.0|	|	637.0|	|			
|	6- 1|	|si| 9| Ty	|	-7.2|	|	0.0|	|	-12.0|	|	22.1|	|			
----- PROGR.														
198.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	|	30488.8|	|	317.2|	|	0.2|	|	-193.9|	|	-0.1|	|	-212.0|	|
|	6- 1|	|	30431.8|	|	74.6|	|	0.2|	|	-93.3|	|	-3.0|	|	-210.7|	|
TENSIONI (Sz= 0.00) :														
|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	5- 1|	|si| 2|Sx	|	-625.8|	|	0.0|	|	0.0|	|	625.8|	|			
|	6- 1|	|si| 5| Tz	|	-578.0|	|	-9.2|	|	0.0|	|	578.2|	|			
|	5- 1|	|si| 9| Ty	|	-12.1|	|	0.0|	|	46.1|	|	80.7|	|			
----- PROGR.														
238.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	|	16796.4|	|	262.8|	|	0.2|	|	-193.9|	|	2.8|	|	-477.8|	|
|	6- 1|	|	16788.2|	|	194.8|	|	0.2|	|	-96.2|	|	-3.0|	|	-476.6|	|
TENSIONI (Sz= 0.00) :														
|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	5- 1|	|si| 2|Sx	|	-361.5|	|	0.0|	|	0.0|	|	361.5|	|			
|	6- 1|	|si| 5| Tz	|	-317.1|	|	-20.0|	|	0.0|	|	319.0|	|			
|	5- 1|	|si| 9| Ty	|	-12.6|	|	0.0|	|	103.8|	|	180.3|	|			
----- PROGR.														
278.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	6- 1|	|	-7410.1|	|	315.0|	|	0.2|	|	-99.0|	|	-3.0|	|	-742.5|	|
|	5- 1|	|	-7450.6|	|	94.9|	|	0.2|	|	-193.9|	|	5.7|	|	-743.7|	|
TENSIONI (Sz= 0.00) :														
|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	6- 1|	|si| 3|Sx	|	-183.5|	|	0.0|	|	0.0|	|	183.5|	|			
|	5- 1|	|si| 6| Tz	|	122.6|	|	31.3|	|	0.0|	|	134.0|	|			
|	5- 1|	|si| 9| Ty	|	-13.9|	|	0.0|	|	161.6|	|	280.2|	|			
|	5- 1|	|si|10| Si	|	-15.4|	|	0.0|	|	161.6|	|	280.3|	|			
----- PROGR.														
318.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	6- 1|	|	-42162.9|	|	435.1|	|	0.2|	|	-101.9|	|	-3.0|	|	-1008.3|	|
|	5- 1|	|	-42252.1|	|	-186.5|	|	0.2|	|	-193.9|	|	8.5|	|	-1009.5|	|
TENSIONI (Sz= 0.00) :														
|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	6- 1|	|si| 3|Sx	|	-852.5|	|	0.0|	|	0.0|	|	852.5|	|			
|	5- 1|	|si| 6| Tz	|	787.7|	|	42.6|	|	0.0|	|	791.2|	|			
|	5- 1|	|si| 9| Ty	|	-16.1|	|	0.0|	|	219.3|	|	380.2|	|			
----- PROGR.														
VERIFICA STABILITA` :														
L0 = 318. |														
Z |Lc = 318. |Ro = 4.90|lm = 64.8|Ncr= 65425.9|alfa(a)=0.2100|ki=0.8251|														
Y |Lc = 318. |Ro = 1.45|lm = 219.6|Ncr= 5686.5|alfa(b)=0.3400|ki=0.1366|														
Caso 5- 1 - Nodo 4 - Asse Y														
Ned = -193.9|Mzeq = -44526.4|Myeq = -834.7|Ss = -1048.7 (0.400)														
P_IPE120_S009 (9) stato limite ultimo - ASTA (721- 722) 2151														
----- PROGR.														
0.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	|	-42255.3|	|	-794.8|	|	-2.7|	|	-133.5|	|	-12.0|	|	1035.0|	|
TENSIONI (Sz= 0.00) :														
|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	5- 1|	|si| 4|Sx	|	-898.2|	|	0.0|	|	0.0|	|	898.2|	|			
|	5- 1|	|si| 6| Tz	|	812.6|	|	-45.5|	|	0.0|	|	816.4|	|			
|	5- 1|	|si| 9| Ty	|	-16.4|	|	0.0|	|	-225.7|	|	391.3|	|			
----- PROGR.														
40.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	5- 1|	|	-6443.0|	|	-373.3|	|	-2.7|	|	-133.5|	|	-9.2|	|	769.1|	|
TENSIONI (Sz= 0.00) :														
|	Caso	|Ve|No|massimi	|	Sx	|	Tz	|	Ty	|	Si	|			
|	5- 1|	|si| 4|Sx	|	-174.7|	|	0.0|	|	0.0|	|	174.7|	|			
|	5- 1|	|si| 6| Tz	|	123.7|	|	-34.2|	|	0.0|	|	137.2|	|			
|	5- 1|	|si| 9| TySi	|	-13.1|	|	0.0|	|	-168.0|	|	291.2|	|			
----- PROGR.														
79.														
SOLLECITAZIONI :														
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY	|
|	6- 1|	|	18715.9|	|	-162.5|	|	-2.6|	|	-12.2|	|	-0.9|	|	500.9|	|
|	5- 1|	|	18814.7|	|	-65.2|	|	-2.7|	|	-133.5|	|	-6.3|	|	503.3|	|

Copertura area carburante - Relazione di calcolo

TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 6- 1|	|si| 1|	Sx	| -372.4|	| 0.0|	| 0.0|	| 372.4|	
| 5- 1|	|si| 6|	Tz	| -362.5|	| -22.9|	| 0.0|	| 364.6|	
| 5- 1|	|si| 9|	Ty	| -10.6|	| 0.0|	| -110.2|	| 191.2|	
-----							PROGR.
119.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	33517.8|	129.4|	-2.7|	-133.5|	-3.5|	237.4|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -656.6|	| 0.0|	| 0.0|	| 656.6|	
| 5- 1|	|si| 6|	Tz	| -646.0|	| -11.6|	| 0.0|	| 646.3|	
| 5- 1|	|si| 9|	Ty	| -9.1|	| 0.0|	| -52.5|	| 91.3|	
-----							PROGR.
159.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	37666.3|	210.5|	-2.7|	-133.5|	-0.6|	-28.4|	
| 6- 1|	37377.7|	-90.1|	-2.6|	-17.9|	-0.9|	-30.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -744.2|	| 0.0|	| 0.0|	| 744.2|	
| 6- 1|	|si| 5|	Tz	| -708.7|	| -2.7|	| 0.0|	| 708.7|	
| 6- 1|	|si| 9|	Ty	| -2.1|	| 0.0|	| 7.6|	| 13.3|	
-----							PROGR.
199.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	31260.2|	178.1|	-2.7|	-133.5|	2.2|	-294.3|	
| 6- 1|	30876.7|	-53.9|	-2.6|	-20.7|	-0.9|	-296.7|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -619.7|	| 0.0|	| 0.0|	| 619.7|	
| 5- 1|	|si| 6|	Tz	| -605.1|	| 13.7|	| 0.0|	| 605.5|	
| 6- 1|	|si| 9|	Ty	| -2.0|	| 0.0|	| 65.3|	| 113.1|	
-----							PROGR.
238.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	14299.4|	32.2|	-2.7|	-133.5|	5.1|	-560.2|	
| 6- 1|	13821.1|	-17.8|	-2.6|	-23.6|	-0.9|	-562.5|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 2|	Sx	| -283.3|	| 0.0|	| 0.0|	| 283.3|	
| 5- 1|	|si| 6|	Tz	| -280.6|	| 25.0|	| 0.0|	| 283.9|	
| 6- 1|	|si| 9|	Ty	| -1.9|	| 0.0|	| 123.1|	| 213.1|	
-----							PROGR.
278.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	-13215.9|	-227.1|	-2.7|	-133.5|	8.0|	-826.0|	
| 6- 1|	-13789.1|	18.4|	-2.6|	-26.4|	-0.9|	-828.4|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx	| -285.4|	| 0.0|	| 0.0|	| 285.4|	
| 5- 1|	|si| 6|	Tz	| 246.5|	| 36.3|	| 0.0|	| 254.4|	
| 6- 1|	|si| 9|	Ty	| -1.9|	| 0.0|	| 180.8|	| 313.1|	
| 5- 1|	|si|13|	Si	| -205.7|	| 0.0|	| 152.0|	| 334.1|	
-----							PROGR.
318.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	-51285.9|	-599.9|	-2.7|	-133.5|	10.8|	-1091.9|	
| 6- 1|	-51953.9|	54.6|	-2.6|	-29.3|	-0.9|	-1094.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx	| -1045.9|	| 0.0|	| 0.0|	| 1045.9|	
| 5- 1|	|si| 6|	Tz	| 976.3|	| 47.6|	| 0.0|	| 979.7|	
| 6- 1|	|si| 9|	Ty	| -1.8|	| 0.0|	| 238.5|	| 413.2|	
-----							PROGR.
VERIFICA STABILITA` :							
|L0 =	318. |						
Z |Lc =	318. |Ro =	4.90|lm =	64.8|Ncr=	65425.9|	alfa(a)=	0.2100|ki=	0.8251|
Y |Lc =	318. |Ro =	1.45|lm =	219.6|Ncr=	5686.5|	alfa(b)=	0.3400|ki=	0.1366|
Caso 5- 1 -	Nodo 4 -	Asse Y					
Ned =	-133.5|	Mzeq =	-38464.4|	Myeq =	-596.1|	Ss =	-870.7 (0.332)

P_IPE120_S009 (9)	stato limite ultimo			- ASTA (722- 389)	2152		
-----							PROGR.
0.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 5- 1|	-51421.5|	-1103.5|	0.0|	-49.0|	-14.9|	1224.2|	
| 6- 1|	-52089.3|	-208.9|	0.0|	89.4|	-0.7|	1226.3|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 5- 1|	|si| 4|	Sx	| -1100.3|	| 0.0|	| 0.0|	| 1100.3|	
| 5- 1|	|si| 6|	Tz	| 1001.9|	| -52.4|	| 0.0|	| 1006.0|	
| 6- 1|	|si| 9|	Ty	| 5.1|	| 0.0|	| -266.3|	| 461.3|	
-----							PROGR.
40.							
SOLLECITAZIONI :							
| Caso |	MZ |	MY |	MT |	N |	TZ |	TY |	
| 7- 1|	-6922.5|	-811.6|	0.0|	-40.9|	-19.6|	856.1|	
| 5- 1|	-8145.7|	-569.4|	0.0|	-49.0|	-12.0|	958.7|	
| 6- 1|	-8730.0|	-182.8|	0.0|	86.5|	-0.7|	960.8|	
TENSIONI (Sz= 0.00) :							
| Caso |	|Ve|No|	massimi	| Sx |	| Tz |	| Ty |	| Si |	
| 7- 1|	|si| 4|	Sx	| -227.4|	| 0.0|	| 0.0|	| 227.4|	
| 5- 1|	|si| 6|	Tz	| 168.7|	| -41.1|	| 0.0|	| 183.1|	
| 6- 1|	|si| 9|	Ty	| 5.1|	| 0.0|	| -208.7|	| 361.4|	
| 6- 1|	|si|10|	Si	| 8.0|	| 0.0|	| -208.7|	| 361.5|	
-----							PROGR.
79.							
SOLLECITAZIONI :							

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	24602.1|	-148.5|	0.0|	-49.0|	-9.2|	693.2|
6- 1|	24101.3|	-156.7|	0.0|	83.7|	-0.7|	695.3|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 1|	Sx	Si		-484.5|	0.0|	0.0|	484.5|
5- 1|si| 6|	Tz			-462.4|	-29.8|	0.0|	465.2|
6- 1|si| 9|	Ty			5.1|	0.0|	-151.0|	261.6|

PROGR. 119.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	46821.8|	159.2|	0.0|	-49.0|	-6.3|	427.6|
6- 1|	46404.5|	-130.6|	0.0|	80.8|	-0.7|	429.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|	Sx	Si		-904.4|	0.0|	0.0|	904.4|
5- 1|si| 6|	Tz			-891.3|	-18.5|	0.0|	891.9|
6- 1|si| 9|	Ty			5.1|	0.0|	-93.3|	161.7|

PROGR. 159.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	58513.6|	353.8|	0.0|	-49.0|	-3.5|	162.1|
6- 1|	58179.7|	-104.5|	0.0|	77.9|	-0.7|	164.2|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|	Sx	Si		-1147.2|	0.0|	0.0|	1147.2|
5- 1|si| 6|	Tz			-1118.1|	-7.2|	0.0|	1118.1|
6- 1|si| 9|	Ty			5.1|	0.0|	-35.7|	62.0|

PROGR. 198.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	59677.2|	435.1|	0.0|	-49.0|	-0.6|	-103.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|	Sx	Si		-1178.5|	0.0|	0.0|	1178.5|
5- 1|si| 5|	Tz			-1113.8|	-4.3|	0.0|	1113.8|
5- 1|si| 9|	Ty			-0.2|	0.0|	22.5|	38.9|

PROGR. 238.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	50312.9|	403.3|	0.0|	-49.0|	2.2|	-368.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|	Sx	Si		-998.4|	0.0|	0.0|	998.4|
5- 1|si| 6|	Tz			-965.2|	15.4|	0.0|	965.5|
5- 1|si| 9|	Ty			-0.5|	0.0|	80.1|	138.8|

PROGR. 278.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
5- 1|	30420.4|	258.2|	0.0|	-49.0|	5.1|	-634.5|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
5- 1|si| 2|	Sx	Si		-606.8|	0.0|	0.0|	606.8|
5- 1|si| 6|	Tz			-585.5|	26.7|	0.0|	587.3|
5- 1|si| 9|	Ty			-1.7|	0.0|	137.8|	238.7|

PROGR. 317.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 2|	0.0|	0.0|	0.0|	-223.6|	-0.1|	-117.8|
5- 1|	0.0|	0.0|	0.0|	-49.0|	7.9|	-900.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 2|si| 4|	Sx	Si		-16.9|	0.0|	0.0|	16.9|
5- 1|si| 6|	Tz			-3.7|	38.0|	0.0|	65.9|
5- 1|si| 9|	TySi			-3.7|	0.0|	195.5|	338.6|

VERIFICA STABILITA` :

|L0 = 317.1|
 Z |Lc = 317.1|Ro = 4.90|lm = 64.7|Ncr= 65591.0|alfa(a)=0.2100|ki=0.8256|
 Y |Lc = 317.1|Ro = 1.45|lm = 219.4|Ncr= 5700.9|alfa(b)=0.3400|ki=0.1370|
 Caso 5- 1 - Nodo 1 - Asse Y
 Ned = -49.0|Mzeq = 44757.9|Myeq = -827.7|Ss = -967.6 (0.369)

P_IPE120_S009 (9) stato limite ultimo - ASTA (555- 556) 2154
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-1595.1|	0.0|	18.9|
8- 2|	0.0|	0.0|	0.0|	-470.0|	0.0|	18.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx	Si		-120.5|	0.0|	0.0|	120.5|
8- 2|si| 5|	Tz			-35.5|	0.8|	0.0|	35.5|
8- 2|si| 9|	Ty			-35.5|	0.0|	-4.1|	36.2|
6- 1|si| 9|	Si			-120.5|	0.0|	-4.1|	120.7|

PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	577.6|	0.0|	0.0|	-1595.1|	0.0|	14.1|
7- 2|	577.6|	0.0|	0.0|	-495.8|	0.0|	14.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx	Si		-131.4|	0.0|	0.0|	131.4|
7- 2|si| 5|	Tz			-48.3|	0.6|	0.0|	48.4|
7- 2|si| 9|	Ty			-37.5|	0.0|	-3.1|	37.8|
6- 1|si| 9|	Si			-131.4|	0.6|	0.0|	131.4|

PROGR. 70.

SOLLECITAZIONI :

Copertura area carburante - Relazione di calcolo

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	990.1|	0.0|	0.0|	-1595.1|	0.0|	9.4|
7- 2|	990.1|	0.0|	0.0|	-495.8|	0.0|	9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			-139.2|	0.0|	0.0|	139.2|
7- 2|si| 5|	Tz			-56.1|	0.4|	0.0|	56.1|
7- 2|si| 9|	Ty			-37.5|	0.0|	-2.0|	37.6|
6- 1|si| 5|	Si			-139.2|	0.4|	0.0|	139.2|

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1237.6|	0.0|	0.0|	-1595.1|	0.0|	4.7|
7- 2|	1237.6|	0.0|	0.0|	-495.8|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			-143.8|	0.0|	0.0|	143.8|
7- 2|si| 5|	Tz			-60.8|	0.2|	0.0|	60.8|
7- 2|si| 9|	Ty			-37.5|	0.0|	-1.0|	37.5|
6- 1|si| 5|	Si			-143.8|	0.2|	0.0|	143.8|

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1320.1|	0.0|	0.0|	-1595.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			-145.4|	0.0|	0.0|	145.4|
6- 1|si| 5|	Tz			-145.4|	0.0|	0.0|	145.4|
6- 1|si| 9|	Ty			-120.5|	0.0|	0.0|	120.5|

----- PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1237.6|	0.0|	0.0|	-1595.1|	0.0|	-4.7|
5- 1|	1237.6|	0.0|	0.0|	-1579.7|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			-143.8|	0.0|	0.0|	143.8|
5- 1|si| 5|	Tz			-142.7|	-0.2|	0.0|	142.7|
5- 1|si| 9|	Ty			-119.4|	0.0|	1.0|	119.4|
6- 1|si| 5|	Si			-143.8|	-0.2|	0.0|	143.8|

----- PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	990.1|	0.0|	0.0|	-1595.1|	0.0|	-9.4|
5- 1|	990.1|	0.0|	0.0|	-1579.7|	0.0|	-9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			-139.2|	0.0|	0.0|	139.2|
5- 1|si| 5|	Tz			-138.0|	-0.4|	0.0|	138.0|
5- 1|si| 9|	Ty			-119.4|	0.0|	2.0|	119.4|
6- 1|si| 5|	Si			-139.2|	-0.4|	0.0|	139.2|

----- PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	577.6|	0.0|	0.0|	-1595.1|	0.0|	-14.1|
5- 1|	577.6|	0.0|	0.0|	-1579.7|	0.0|	-14.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			-131.4|	0.0|	0.0|	131.4|
5- 1|si| 5|	Tz			-130.2|	-0.6|	0.0|	130.2|
5- 1|si| 9|	Ty			-119.4|	0.0|	3.1|	119.5|
6- 1|si| 5|	Si			-131.4|	-0.6|	0.0|	131.4|

----- PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-1595.1|	0.0|	-18.9|
5- 1|	0.0|	0.0|	0.0|	-1579.7|	0.0|	-18.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 3|	Sx			-120.5|	0.0|	0.0|	120.5|
5- 1|si| 5|	Tz			-119.4|	-0.8|	0.0|	119.4|
5- 1|si| 9|	Ty			-119.4|	0.0|	4.1|	119.6|
6- 1|si| 9|	Si			-120.5|	0.0|	4.1|	120.7|

VERIFICA STABILITA` :

|L0 = 280. |
 Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -1595.1|Mzeq = 1144.1|Myeq = 0.0|Ss = -722.1 (0.276)

P_IPE120_S009 (9) stato limite ultimo - ASTA (556- 557) 2155
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-1587.7|	0.0|	18.9|
5- 1|	0.0|	0.0|	0.0|	-1573.6|	0.0|	18.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|	Sx			-120.0|	0.0|	0.0|	120.0|
5- 1|si| 5|	Tz			-118.9|	0.8|	0.0|	118.9|
5- 1|si| 9|	Ty			-118.9|	0.0|	-4.1|	119.1|
6- 1|si| 9|	Si			-120.0|	0.0|	-4.1|	120.2|

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	577.6|	0.0|	0.0|	-1587.7|	0.0|	14.1|
5- 1	577.6	0.0	0.0	-1573.6	0.0	14.1

Copertura area carburante - Relazione di calcolo

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TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -130.8| 0.0| 0.0| 130.8|
| 5- 1|si| 5| Tz | -129.8| 0.6| 0.0| 129.8|
| 5- 1|si| 9| Ty | -118.9| 0.0| -3.1| 119.0|
| 6- 1|si| 5| Si | -130.8| 0.6| 0.0| 130.8|
-----
PROGR. 70.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 990.1| 0.0| 0.0| -1587.7| 0.0| 9.4|
| 5- 1| 990.1| 0.0| 0.0| -1573.6| 0.0| 9.4|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -138.6| 0.0| 0.0| 138.6|
| 5- 1|si| 5| Tz | -137.5| 0.4| 0.0| 137.6|
| 5- 1|si| 9| Ty | -118.9| 0.0| -2.0| 118.9|
| 6- 1|si| 5| Si | -138.6| 0.4| 0.0| 138.6|
-----
PROGR. 105.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1237.6| 0.0| 0.0| -1587.7| 0.0| 4.7|
| 5- 1| 1237.6| 0.0| 0.0| -1573.6| 0.0| 4.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -143.3| 0.0| 0.0| 143.3|
| 5- 1|si| 5| Tz | -142.2| 0.2| 0.0| 142.2|
| 5- 1|si| 9| Ty | -118.9| 0.0| -1.0| 118.9|
| 6- 1|si| 5| Si | -143.3| 0.2| 0.0| 143.3|
-----
PROGR. 140.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1320.1| 0.0| 0.0| -1587.7| 0.0| 0.0|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -144.8| 0.0| 0.0| 144.8|
| 6- 1|si| 5| Tz | -144.8| 0.0| 0.0| 144.8|
| 6- 1|si| 9| Ty | -120.0| 0.0| 0.0| 120.0|
-----
PROGR. 175.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1237.6| 0.0| 0.0| -1587.7| 0.0| -4.7|
| 7- 2| 1237.6| 0.0| 0.0| -494.5| 0.0| -4.7|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -143.3| 0.0| 0.0| 143.3|
| 7- 2|si| 5| Tz | -60.7| -0.2| 0.0| 60.7|
| 7- 2|si| 9| Ty | -37.4| 0.0| 1.0| 37.4|
| 6- 1|si| 5| Si | -143.3| -0.2| 0.0| 143.3|
-----
PROGR. 210.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 990.1| 0.0| 0.0| -1587.7| 0.0| -9.4|
| 7- 2| 990.1| 0.0| 0.0| -494.5| 0.0| -9.4|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -138.6| 0.0| 0.0| 138.6|
| 7- 2|si| 5| Tz | -56.0| -0.4| 0.0| 56.0|
| 7- 2|si| 9| Ty | -37.4| 0.0| 2.0| 37.5|
| 6- 1|si| 5| Si | -138.6| -0.4| 0.0| 138.6|
-----
PROGR. 245.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 577.6| 0.0| 0.0| -1587.7| 0.0| -14.1|
| 7- 2| 577.6| 0.0| 0.0| -494.5| 0.0| -14.1|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -130.8| 0.0| 0.0| 130.8|
| 7- 2|si| 5| Tz | -48.2| -0.6| 0.0| 48.3|
| 7- 2|si| 9| Ty | -37.4| 0.0| 3.1| 37.7|
| 6- 1|si| 5| Si | -130.8| -0.6| 0.0| 130.8|
-----
PROGR. 280.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1587.7| 0.0| -18.9|
| 7- 2| 0.0| 0.0| 0.0| -494.5| 0.0| -18.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -120.0| 0.0| 0.0| 120.0|
| 7- 2|si| 5| Tz | -37.4| -0.8| 0.0| 37.4|
| 7- 2|si| 9| Ty | -37.4| 0.0| 4.1| 38.0|
| 6- 1|si| 9| Si | -120.0| 0.0| 4.1| 120.2|
-----
PROGR. 0.

VERIFICA STABILITA` :
|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1587.7|Mzeq = 1144.1|Myeq = 0.0|Ss = -718.8 ( 0.274)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 557- 322) 2156
-----
PROGR. 0.

SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1575.9| 0.0| 18.9|
| 5- 1| 0.0| 0.0| 0.0| -1563.2| 0.0| 18.9|

TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -119.1| 0.0| 0.0| 119.1|

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Copertura area carburante - Relazione di calcolo

	5- 1	si	5	Tz		-118.1		0.8		0.0		118.1						
	5- 1	si	9	Ty		-118.1		0.0		-4.1		118.3						
|	6- 1	|si	9	Si		-119.1		0.0		-4.1		119.3						

SOLLECITAZIONI :												35.						
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY					
|	6- 1	|	577.6	|	0.0	|	0.0	|	-1575.9	|	0.0	|	14.1					
|	5- 1	|	577.6	|	0.0	|	0.0	|	-1563.2	|	0.0	|	14.1					
TENSIONI (Sz= 0.00) :																		
|	Caso	|Ve	|No	|massimi	|	Sx	|	Tz	|	Ty	|	Si	|					
|	6- 1	|si	1	|Sx	|	-130.0	|	0.0	|	0.0	|	130.0	|					
|	5- 1	|si	5	Tz	|	-129.0	|	0.6	|	0.0	|	129.0	|					
|	5- 1	|si	9	Ty	|	-118.1	|	0.0	|	-3.1	|	118.2	|					
|	6- 1	|si	5	Si	|	-130.0	|	0.6	|	0.0	|	130.0	|					

SOLLECITAZIONI :												70.						
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY					
|	6- 1	|	990.1	|	0.0	|	0.0	|	-1575.9	|	0.0	|	9.4					
|	5- 1	|	990.1	|	0.0	|	0.0	|	-1563.2	|	0.0	|	9.4					
TENSIONI (Sz= 0.00) :																		
|	Caso	|Ve	|No	|massimi	|	Sx	|	Tz	|	Ty	|	Si	|					
|	6- 1	|si	1	|Sx	|	-137.7	|	0.0	|	0.0	|	137.7	|					
|	5- 1	|si	5	Tz	|	-136.8	|	0.4	|	0.0	|	136.8	|					
|	5- 1	|si	9	Ty	|	-118.1	|	0.0	|	-2.0	|	118.2	|					
|	6- 1	|si	5	Si	|	-137.7	|	0.4	|	0.0	|	137.7	|					

SOLLECITAZIONI :												105.						
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY					
|	6- 1	|	1237.6	|	0.0	|	0.0	|	-1575.9	|	0.0	|	4.7					
TENSIONI (Sz= 0.00) :																		
|	Caso	|Ve	|No	|massimi	|	Sx	|	Tz	|	Ty	|	Si	|					
|	6- 1	|si	1	|Sx	|	-142.4	|	0.0	|	0.0	|	142.4	|					
|	6- 1	|si	5	Tz	|	-142.4	|	0.2	|	0.0	|	142.4	|					
|	6- 1	|si	9	Ty	|	-119.1	|	0.0	|	-1.0	|	119.1	|					

SOLLECITAZIONI :												140.						
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY					
|	6- 1	|	1320.1	|	0.0	|	0.0	|	-1575.9	|	0.0	|	0.0					
TENSIONI (Sz= 0.00) :																		
|	Caso	|Ve	|No	|massimi	|	Sx	|	Tz	|	Ty	|	Si	|					
|	6- 1	|si	1	|Sx	|	-143.9	|	0.0	|	0.0	|	143.9	|					
|	6- 1	|si	5	Tz	|	-143.9	|	0.0	|	0.0	|	143.9	|					
|	6- 1	|si	9	Ty	|	-119.1	|	0.0	|	0.0	|	119.1	|					

SOLLECITAZIONI :												175.						
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY					
|	6- 1	|	1237.6	|	0.0	|	0.0	|	-1575.9	|	0.0	|	-4.7					
|	8- 2	|	1237.6	|	0.0	|	0.0	|	-471.2	|	0.0	|	-4.7					
TENSIONI (Sz= 0.00) :																		
|	Caso	|Ve	|No	|massimi	|	Sx	|	Tz	|	Ty	|	Si	|					
|	6- 1	|si	1	|Sx	|	-142.4	|	0.0	|	0.0	|	142.4	|					
|	8- 2	|si	5	Tz	|	-58.9	|	-0.2	|	0.0	|	58.9	|					
|	8- 2	|si	9	Ty	|	-35.6	|	0.0	|	1.0	|	35.6	|					
|	6- 1	|si	5	Si	|	-142.4	|	-0.2	|	0.0	|	142.4	|					

SOLLECITAZIONI :												210.						
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY					
|	6- 1	|	990.1	|	0.0	|	0.0	|	-1575.9	|	0.0	|	-9.4					
|	8- 2	|	990.1	|	0.0	|	0.0	|	-471.2	|	0.0	|	-9.4					
TENSIONI (Sz= 0.00) :																		
|	Caso	|Ve	|No	|massimi	|	Sx	|	Tz	|	Ty	|	Si	|					
|	6- 1	|si	1	|Sx	|	-137.7	|	0.0	|	0.0	|	137.7	|					
|	8- 2	|si	5	Tz	|	-54.3	|	-0.4	|	0.0	|	54.3	|					
|	8- 2	|si	9	Ty	|	-35.6	|	0.0	|	2.0	|	35.8	|					
|	6- 1	|si	5	Si	|	-137.7	|	-0.4	|	0.0	|	137.7	|					

SOLLECITAZIONI :												245.						
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY					
|	6- 1	|	577.6	|	0.0	|	0.0	|	-1575.9	|	0.0	|	-14.1					
|	8- 2	|	577.6	|	0.0	|	0.0	|	-471.2	|	0.0	|	-14.1					
|	7- 2	|	577.6	|	0.0	|	0.0	|	-492.4	|	0.0	|	-14.1					
TENSIONI (Sz= 0.00) :																		
|	Caso	|Ve	|No	|massimi	|	Sx	|	Tz	|	Ty	|	Si	|					
|	6- 1	|si	1	|Sx	|	-130.0	|	0.0	|	0.0	|	130.0	|					
|	8- 2	|si	5	Tz	|	-46.5	|	-0.6	|	0.0	|	46.5	|					
|	7- 2	|si	9	Ty	|	-37.2	|	0.0	|	3.1	|	37.6	|					
|	6- 1	|si	5	Si	|	-130.0	|	-0.6	|	0.0	|	130.0	|					

SOLLECITAZIONI :												280.						
|	Caso	|	MZ	|	MY	|	MT	|	N	|	TZ	|	TY					
|	6- 1	|	0.0	|	0.0	|	0.0	|	-1575.9	|	0.0	|	-18.9					
|	7- 2	|	0.0	|	0.0	|	0.0	|	-492.4	|	0.0	|	-18.9					
TENSIONI (Sz= 0.00) :																		
|	Caso	|Ve	|No	|massimi	|	Sx	|	Tz	|	Ty	|	Si	|					
|	6- 1	|si	1	|Sx	|	-119.1	|	0.0	|	0.0	|	119.1	|					
|	7- 2	|si	5	Tz	|	-37.2	|	-0.8	|	0.0	|	37.2	|					
|	7- 2	|si	9	Ty	|	-37.2	|	0.0	|	4.1	|	37.9	|					
|	6- 1	|si	9	Si	|	-119.1	|	0.0	|	4.1	|	119.3	|					

VERIFICA STABILITA` :																		
|	L0	=	280.	|														
Z	|Lc	=	280.	|Ro	=	4.90	|lm	=	57.1	|Ncr	=	84177.2	|alfa(a)	=	0.2100	|ki	=	0.8668
Y	|Lc	=	280.	|Ro	=	1.45	|lm	=	193.6	|Ncr	=	7316.3	|alfa(b)	=	0.3400	|ki	=	0.1722
Caso 6- 1 - Nodo 1 - Asse Y																		
Ned	=	-1575.9	|Mzeq	=	1144.1	|Myeq	=	0.0	|Ss	=	-713.6	(	0.272)				
P_IPE120_S009 (9) stato limite ultimo - ASTA (322- 609) 2157																		
-----												0.						

Copertura area carburante - Relazione di calcolo

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	0.0	0.0	0.0	-1569.6	0.0	18.9		
7- 2	0.0	0.0	0.0	-491.2	0.0	18.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-118.6	0.0	0.0	118.6	
7- 2	si	5	Tz	-37.1	0.8	0.0	37.1	
7- 2	si	9	Ty	-37.1	0.0	-4.1	37.8	
6- 1	si	9	Si	-118.6	0.0	-4.1	118.8	
-----							PROGR.	35.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	577.6	0.0	0.0	-1569.6	0.0	14.1		
7- 2	577.6	0.0	0.0	-491.2	0.0	14.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-129.5	0.0	0.0	129.5	
7- 2	si	5	Tz	-48.0	0.6	0.0	48.0	
7- 2	si	9	Ty	-37.1	0.0	-3.1	37.5	
6- 1	si	5	Si	-129.5	0.6	0.0	129.5	
-----							PROGR.	70.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	990.1	0.0	0.0	-1569.6	0.0	9.4		
7- 2	990.1	0.0	0.0	-491.2	0.0	9.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-137.2	0.0	0.0	137.2	
7- 2	si	5	Tz	-55.8	0.4	0.0	55.8	
7- 2	si	9	Ty	-37.1	0.0	-2.0	37.3	
6- 1	si	5	Si	-137.2	0.4	0.0	137.2	
-----							PROGR.	105.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	1237.6	0.0	0.0	-1569.6	0.0	4.7		
7- 2	1237.6	0.0	0.0	-491.2	0.0	4.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-141.9	0.0	0.0	141.9	
7- 2	si	5	Tz	-60.4	0.2	0.0	60.4	
7- 2	si	9	Ty	-37.1	0.0	-1.0	37.2	
6- 1	si	5	Si	-141.9	0.2	0.0	141.9	
-----							PROGR.	140.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	1320.1	0.0	0.0	-1569.6	0.0	0.0		
5- 1	1320.1	0.0	0.0	-1558.4	0.0	0.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-143.5	0.0	0.0	143.5	
5- 1	si	5	Tz	-142.6	0.0	0.0	142.6	
5- 1	si	9	Ty	-117.7	0.0	0.0	117.7	
-----							PROGR.	175.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	1237.6	0.0	0.0	-1569.6	0.0	-4.7		
5- 1	1237.6	0.0	0.0	-1558.4	0.0	-4.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-141.9	0.0	0.0	141.9	
5- 1	si	5	Tz	-141.1	-0.2	0.0	141.1	
5- 1	si	9	Ty	-117.7	0.0	1.0	117.8	
6- 1	si	5	Si	-141.9	-0.2	0.0	141.9	
-----							PROGR.	210.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	990.1	0.0	0.0	-1569.6	0.0	-9.4		
5- 1	990.1	0.0	0.0	-1558.4	0.0	-9.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-137.2	0.0	0.0	137.2	
5- 1	si	5	Tz	-136.4	-0.4	0.0	136.4	
5- 1	si	9	Ty	-117.7	0.0	2.0	117.8	
6- 1	si	5	Si	-137.2	-0.4	0.0	137.2	
-----							PROGR.	245.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	577.6	0.0	0.0	-1569.6	0.0	-14.1		
5- 1	577.6	0.0	0.0	-1558.4	0.0	-14.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-129.5	0.0	0.0	129.5	
5- 1	si	5	Tz	-128.6	-0.6	0.0	128.6	
5- 1	si	9	Ty	-117.7	0.0	3.1	117.9	
6- 1	si	5	Si	-129.5	-0.6	0.0	129.5	
-----							PROGR.	280.
SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	0.0	0.0	0.0	-1569.6	0.0	-18.9		
5- 1	0.0	0.0	0.0	-1558.4	0.0	-18.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	-118.6	0.0	0.0	118.6	
5- 1	si	5	Tz	-117.7	-0.8	0.0	117.8	
5- 1	si	9	Ty	-117.7	0.0	4.1	118.0	
6- 1	si	9	Si	-118.6	0.0	4.1	118.8	

VERIFICA STABILITA` :

Copertura area carburante - Relazione di calcolo

L0 = 280.1
 Z |Lc = 280.0|Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
 Y |Lc = 280.0|Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -1569.6|Mzeq = 1144.1|Myeq = 0.0|Ss = -710.8 (0.271)

P_IPE120_S009 (9) stato limite ultimo - ASTA (609- 610) 2158
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-1569.1|	0.0|	18.9|
7- 2|	0.0|	0.0|	0.0|	-492.2|	0.0|	18.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx				-118.6|	0.0|	0.0|	118.6|
7- 2|si| 5| Tz				-37.2|	0.8|	0.0|	37.2|
7- 2|si| 9| Ty				-37.2|	0.0|	-4.1|	37.9|
6- 1|si| 9| Si				-118.6|	0.0|	-4.1|	118.8|

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	577.6|	0.0|	0.0|	-1569.1|	0.0|	14.1|
8- 2|	577.6|	0.0|	0.0|	-475.9|	0.0|	14.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx				-129.4|	0.0|	0.0|	129.4|
8- 2|si| 5| Tz				-46.8|	0.6|	0.0|	46.9|
8- 2|si| 9| Ty				-36.0|	0.0|	-3.1|	36.3|
6- 1|si| 5| Si				-129.4|	0.6|	0.0|	129.4|

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	990.1|	0.0|	0.0|	-1569.1|	0.0|	9.4|
8- 2|	990.1|	0.0|	0.0|	-475.9|	0.0|	9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx				-137.2|	0.0|	0.0|	137.2|
8- 2|si| 5| Tz				-54.6|	0.4|	0.0|	54.6|
8- 2|si| 9| Ty				-36.0|	0.0|	-2.0|	36.1|
6- 1|si| 5| Si				-137.2|	0.4|	0.0|	137.2|

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1237.6|	0.0|	0.0|	-1569.1|	0.0|	4.7|
8- 2|	1237.6|	0.0|	0.0|	-475.9|	0.0|	4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx				-141.9|	0.0|	0.0|	141.9|
8- 2|si| 5| Tz				-59.3|	0.2|	0.0|	59.3|
8- 2|si| 9| Ty				-36.0|	0.0|	-1.0|	36.0|
6- 1|si| 5| Si				-141.9|	0.2|	0.0|	141.9|

----- PROGR. 140.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1320.1|	0.0|	0.0|	-1569.1|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx				-143.4|	0.0|	0.0|	143.4|
6- 1|si| 5| Tz				-143.4|	0.0|	0.0|	143.4|
6- 1|si| 9| Ty				-118.6|	0.0|	0.0|	118.6|

----- PROGR. 175.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	1237.6|	0.0|	0.0|	-1569.1|	0.0|	-4.7|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx				-141.9|	0.0|	0.0|	141.9|
6- 1|si| 5| Tz				-141.9|	-0.2|	0.0|	141.9|
6- 1|si| 9| Ty				-118.6|	0.0|	1.0|	118.6|

----- PROGR. 210.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	990.1|	0.0|	0.0|	-1569.1|	0.0|	-9.4|
5- 1|	990.1|	0.0|	0.0|	-1559.3|	0.0|	-9.4|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx				-137.2|	0.0|	0.0|	137.2|
5- 1|si| 5| Tz				-136.5|	-0.4|	0.0|	136.5|
5- 1|si| 9| Ty				-117.8|	0.0|	2.0|	117.9|
6- 1|si| 5| Si				-137.2|	-0.4|	0.0|	137.2|

----- PROGR. 245.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	577.6|	0.0|	0.0|	-1569.1|	0.0|	-14.1|
5- 1|	577.6|	0.0|	0.0|	-1559.3|	0.0|	-14.1|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1|si| 1|Sx				-129.4|	0.0|	0.0|	129.4|
5- 1|si| 5| Tz				-128.7|	-0.6|	0.0|	128.7|
5- 1|si| 9| Ty				-117.8|	0.0|	3.1|	117.9|
6- 1|si| 5| Si				-129.4|	-0.6|	0.0|	129.4|

----- PROGR. 280.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1|	0.0|	0.0|	0.0|	-1569.1|	0.0|	-18.9|
5- 1|	0.0|	0.0|	0.0|	-1559.3|	0.0|	-18.9|

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 si 3 Sx				-118.6	0.0	0.0	118.6

Copertura area carburante - Relazione di calcolo

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| 5- 1|si| 5| Tz | -117.8| -0.8| 0.0| 117.8|
| 5- 1|si| 9| Ty | -117.8| 0.0| 4.1| 118.0|
| 6- 1|si| 9| Si | -118.6| 0.0| 4.1| 118.8|
-----
VERIFICA STABILITA` :
|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1569.1|Mzeq = 1144.1|Myeq = 0.0|Ss = -710.6 ( 0.271)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 610- 611) 2159
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 0.0| 0.0| 0.0| -1565.5| 0.0| 18.9|
| 5- 1| 0.0| 0.0| 0.0| -1557.3| 0.0| 18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -118.3| 0.0| 0.0| 118.3|
| 5- 1|si| 5| Tz | -117.7| 0.8| 0.0| 117.7|
| 5- 1|si| 9| Ty | -117.7| 0.0| -4.1| 117.9|
| 6- 1|si| 9| Si | -118.3| 0.0| -4.1| 118.5|
-----
PROGR. 35.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 577.6| 0.0| 0.0| -1565.5| 0.0| 14.1|
| 5- 1| 577.6| 0.0| 0.0| -1557.3| 0.0| 14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -129.2| 0.0| 0.0| 129.2|
| 5- 1|si| 5| Tz | -128.5| 0.6| 0.0| 128.5|
| 5- 1|si| 9| Ty | -117.7| 0.0| -3.1| 117.8|
| 6- 1|si| 5| Si | -129.2| 0.6| 0.0| 129.2|
-----
PROGR. 70.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 990.1| 0.0| 0.0| -1565.5| 0.0| 9.4|
| 5- 1| 990.1| 0.0| 0.0| -1557.3| 0.0| 9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -136.9| 0.0| 0.0| 136.9|
| 5- 1|si| 5| Tz | -136.3| 0.4| 0.0| 136.3|
| 5- 1|si| 9| Ty | -117.7| 0.0| -2.0| 117.7|
| 6- 1|si| 5| Si | -136.9| 0.4| 0.0| 136.9|
-----
PROGR. 105.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1237.6| 0.0| 0.0| -1565.5| 0.0| 4.7|
| 5- 1| 1237.6| 0.0| 0.0| -1557.3| 0.0| 4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -141.6| 0.0| 0.0| 141.6|
| 5- 1|si| 5| Tz | -141.0| 0.2| 0.0| 141.0|
| 5- 1|si| 9| Ty | -117.7| 0.0| -1.0| 117.7|
| 6- 1|si| 5| Si | -141.6| 0.2| 0.0| 141.6|
-----
PROGR. 140.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1320.1| 0.0| 0.0| -1565.5| 0.0| 0.0|
| 5- 1| 1320.1| 0.0| 0.0| -1557.3| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -143.2| 0.0| 0.0| 143.2|
| 5- 1|si| 5| Tz | -142.5| 0.0| 0.0| 142.5|
| 5- 1|si| 9| Ty | -117.7| 0.0| 0.0| 117.7|
-----
PROGR. 175.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 1237.6| 0.0| 0.0| -1565.5| 0.0| -4.7|
| 7- 2| 1237.6| 0.0| 0.0| -492.3| 0.0| -4.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -141.6| 0.0| 0.0| 141.6|
| 7- 2|si| 5| Tz | -60.5| -0.2| 0.0| 60.5|
| 7- 2|si| 9| Ty | -37.2| 0.0| 1.0| 37.2|
| 6- 1|si| 5| Si | -141.6| -0.2| 0.0| 141.6|
-----
PROGR. 210.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 990.1| 0.0| 0.0| -1565.5| 0.0| -9.4|
| 7- 2| 990.1| 0.0| 0.0| -492.3| 0.0| -9.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -136.9| 0.0| 0.0| 136.9|
| 7- 2|si| 5| Tz | -55.9| -0.4| 0.0| 55.9|
| 7- 2|si| 9| Ty | -37.2| 0.0| 2.0| 37.4|
| 6- 1|si| 5| Si | -136.9| -0.4| 0.0| 136.9|
-----
PROGR. 245.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 6- 1| 577.6| 0.0| 0.0| -1565.5| 0.0| -14.1|
| 7- 2| 577.6| 0.0| 0.0| -492.3| 0.0| -14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -129.2| 0.0| 0.0| 129.2|
| 7- 2|si| 5| Tz | -48.1| -0.6| 0.0| 48.1|
| 7- 2|si| 9| Ty | -37.2| 0.0| 3.1| 37.6|

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Copertura area carburante - Relazione di calcolo

6- 1 si 5	Si	-129.2	-0.6	0.0	129.2				

PROGR. 280.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-1565.5|	0.0|	-18.9|			
| 7- 2|	0.0|	0.0|	0.0|	-492.3|	0.0|	-18.9|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx		-118.3|	0.0|	0.0|	118.3|				
| 7- 2|si| 5| Tz		-37.2|	-0.8|	0.0|	37.2|				
| 7- 2|si| 9| Ty		-37.2|	0.0|	4.1|	37.9|				
| 6- 1|si| 9| Si		-118.3|	0.0|	4.1|	118.5|				

VERIFICA STABILITA` :									
L0 = 280. |									
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|									
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|									
Caso 6- 1 - Nodo 1 - Asse Y									
Ned = -1565.5|Mzeq = 1144.1|Myeq = 0.0|Ss = -709.0 (0.271)									

P_IPE120_S009 (9) stato limite ultimo - ASTA (611- 340) 2160									

PROGR. 0.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	0.0|	0.0|	0.0|	-1558.4|	0.0|	18.9|			
| 5- 1|	0.0|	0.0|	0.0|	-1551.6|	0.0|	18.9|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx		-117.7|	0.0|	0.0|	117.7|				
| 5- 1|si| 5| Tz		-117.2|	0.8|	0.0|	117.2|				
| 5- 1|si| 9| Ty		-117.2|	0.0|	-4.1|	117.4|				
| 6- 1|si| 9| Si		-117.7|	0.0|	-4.1|	118.0|				

PROGR. 35.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	577.6|	0.0|	0.0|	-1558.4|	0.0|	14.1|			
| 5- 1|	577.6|	0.0|	0.0|	-1551.6|	0.0|	14.1|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx		-128.6|	0.0|	0.0|	128.6|				
| 5- 1|si| 5| Tz		-128.1|	0.6|	0.0|	128.1|				
| 5- 1|si| 9| Ty		-117.2|	0.0|	-3.1|	117.3|				
| 6- 1|si| 5| Si		-128.6|	0.6|	0.0|	128.6|				

PROGR. 70.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	990.1|	0.0|	0.0|	-1558.4|	0.0|	9.4|			
| 5- 1|	990.1|	0.0|	0.0|	-1551.6|	0.0|	9.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx		-136.4|	0.0|	0.0|	136.4|				
| 5- 1|si| 5| Tz		-135.9|	0.4|	0.0|	135.9|				
| 5- 1|si| 9| Ty		-117.2|	0.0|	-2.0|	117.3|				
| 6- 1|si| 5| Si		-136.4|	0.4|	0.0|	136.4|				

PROGR. 105.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	1237.6|	0.0|	0.0|	-1558.4|	0.0|	4.7|			
| 5- 1|	1237.6|	0.0|	0.0|	-1551.6|	0.0|	4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx		-141.1|	0.0|	0.0|	141.1|				
| 5- 1|si| 5| Tz		-140.5|	0.2|	0.0|	140.6|				
| 5- 1|si| 9| Ty		-117.2|	0.0|	-1.0|	117.2|				
| 6- 1|si| 5| Si		-141.1|	0.2|	0.0|	141.1|				

PROGR. 140.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	1320.1|	0.0|	0.0|	-1558.4|	0.0|	0.0|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx		-142.6|	0.0|	0.0|	142.6|				
| 6- 1|si| 5| Tz		-142.6|	0.0|	0.0|	142.6|				
| 6- 1|si| 9| Ty		-117.7|	0.0|	0.0|	117.7|				

PROGR. 175.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	1237.6|	0.0|	0.0|	-1558.4|	0.0|	-4.7|			
| 7- 2|	1237.6|	0.0|	0.0|	-491.5|	0.0|	-4.7|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx		-141.1|	0.0|	0.0|	141.1|				
| 7- 2|si| 5| Tz		-60.5|	-0.2|	0.0|	60.5|				
| 7- 2|si| 9| Ty		-37.1|	0.0|	1.0|	37.2|				
| 6- 1|si| 5| Si		-141.1|	-0.2|	0.0|	141.1|				

PROGR. 210.									
SOLLECITAZIONI :									
| Caso |	MZ	MY	MT	N	TZ	TY			
| 6- 1|	990.1|	0.0|	0.0|	-1558.4|	0.0|	-9.4|			
| 8- 2|	990.1|	0.0|	0.0|	-480.1|	0.0|	-9.4|			
TENSIONI (Sz= 0.00) :									
| Caso |	Ve|No|massimi	Sx	Tz	Ty	Si				
| 6- 1|si| 1|Sx		-136.4|	0.0|	0.0|	136.4|				
| 8- 2|si| 5| Tz		-54.9|	-0.4|	0.0|	54.9|				
| 8- 2|si| 9| Ty		-36.3|	0.0|	2.0|	36.4|				
| 6- 1|si| 5| Si		-136.4|	-0.4|	0.0|	136.4|				

PROGR. 245.									
SOLLECITAZIONI :									

Copertura area carburante - Relazione di calcolo

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| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      577.6|      0.0|      0.0| -1558.4|      0.0| -14.1|
| 8- 2|      577.6|      0.0|      0.0| -480.1|      0.0| -14.1|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -128.6| 0.0| 0.0| 128.6|
| 8- 2|si| 5| Tz | -47.2| -0.6| 0.0| 47.2|
| 8- 2|si| 9| Ty | -36.3| 0.0| 3.1| 36.7|
| 6- 1|si| 5| Si | -128.6| -0.6| 0.0| 128.6|
-----
PROGR.      280.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1558.4|      0.0| -18.9|
| 7- 2|      0.0|      0.0|      0.0| -491.5|      0.0| -18.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -117.7| 0.0| 0.0| 117.7|
| 7- 2|si| 5| Tz | -37.1| -0.8| 0.0| 37.2|
| 7- 2|si| 9| Ty | -37.1| 0.0| 4.1| 37.8|
| 6- 1|si| 9| Si | -117.7| 0.0| 4.1| 118.0|
-----
PROGR.      280.

VERIFICA STABILITA` :

|L0 = 280. |
Z |Lc = 280. |Ro = 4.90|lm = 57.1|Ncr= 84177.2|alfa(a)=0.2100|ki=0.8668|
Y |Lc = 280. |Ro = 1.45|lm = 193.6|Ncr= 7316.3|alfa(b)=0.3400|ki=0.1722|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1558.4|Mzeq = 1144.1|Myeq = 0.0|Ss = -705.9 ( 0.270)

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 340- 650) 2161
-----
PROGR.      0.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0| -1555.5|      0.0| 19.5|
| 7- 2|      0.0|      0.0|      0.0| -491.1|      0.0| 19.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -117.5| 0.0| 0.0| 117.5|
| 7- 2|si| 5| Tz | -37.1| 0.8| 0.0| 37.1|
| 7- 2|si| 9| Ty | -37.1| 0.0| -4.2| 37.8|
| 6- 1|si| 9| Si | -117.5| 0.0| -4.2| 117.8|
-----
PROGR.      36.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      619.5|      0.0|      0.0| -1555.5|      0.0| 14.6|
| 7- 2|      619.5|      0.0|      0.0| -491.1|      0.0| 14.6|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -129.2| 0.0| 0.0| 129.2|
| 7- 2|si| 5| Tz | -48.8| 0.6| 0.0| 48.8|
| 7- 2|si| 9| Ty | -37.1| 0.0| -3.2| 37.5|
| 6- 1|si| 5| Si | -129.2| 0.6| 0.0| 129.2|
-----
PROGR.      72.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|     1062.1|      0.0|      0.0| -1555.5|      0.0| 9.8|
| 7- 2|     1062.1|      0.0|      0.0| -491.1|      0.0| 9.8|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -137.5| 0.0| 0.0| 137.5|
| 7- 2|si| 5| Tz | -57.1| 0.4| 0.0| 57.1|
| 7- 2|si| 9| Ty | -37.1| 0.0| -2.1| 37.3|
| 6- 1|si| 5| Si | -137.5| 0.4| 0.0| 137.5|
-----
PROGR.     109.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|     1327.6|      0.0|      0.0| -1555.5|      0.0| 4.9|
| 7- 2|     1327.6|      0.0|      0.0| -491.1|      0.0| 4.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -142.5| 0.0| 0.0| 142.5|
| 7- 2|si| 5| Tz | -62.1| 0.2| 0.0| 62.1|
| 7- 2|si| 9| Ty | -37.1| 0.0| -1.1| 37.2|
| 6- 1|si| 5| Si | -142.5| 0.2| 0.0| 142.5|
-----
PROGR.     145.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|     1416.1|      0.0|      0.0| -1555.5|      0.0| 0.0|
| 5- 1|     1416.1|      0.0|      0.0| -1550.3|      0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -144.2| 0.0| 0.0| 144.2|
| 5- 1|si| 6| Tz | -143.8| 0.0| 0.0| 143.8|
| 5- 1|si| 9| Ty | -117.1| 0.0| 0.0| 117.1|
-----
PROGR.     181.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|     1327.6|      0.0|      0.0| -1555.5|      0.0| -4.9|
| 5- 1|     1327.6|      0.0|      0.0| -1550.3|      0.0| -4.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 6- 1|si| 1|Sx | -142.5| 0.0| 0.0| 142.5|
| 5- 1|si| 5| Tz | -142.1| -0.2| 0.0| 142.1|
| 5- 1|si| 9| Ty | -117.1| 0.0| 1.1| 117.1|
| 6- 1|si| 5| Si | -142.5| -0.2| 0.0| 142.5|
-----
PROGR.     218.

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|     1062.1|      0.0|      0.0| -1555.5|      0.0| -9.8|

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Copertura area carburante - Relazione di calcolo

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| 5- 1|      1062.1|      0.0|      0.0| -1550.3|      0.0|      -9.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -137.5|      0.0|      0.0|      137.5|
| 5- 1|si| 5|  Tz |      -137.1|     -0.4|      0.0|      137.1|
| 5- 1|si| 9|  Ty |      -117.1|      0.0|      2.1|      117.2|
| 6- 1|si| 5|  Si |      -137.5|     -0.4|      0.0|      137.5|
-----
PROGR.      254.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      619.5|      0.0|      0.0|     -1555.5|      0.0|     -14.6|
| 5- 1|      619.5|      0.0|      0.0|     -1550.3|      0.0|     -14.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -129.2|      0.0|      0.0|      129.2|
| 5- 1|si| 5|  Tz |      -128.8|     -0.6|      0.0|      128.8|
| 5- 1|si| 9|  Ty |      -117.1|      0.0|      3.2|      117.3|
| 6- 1|si| 5|  Si |      -129.2|     -0.6|      0.0|      129.2|
-----
PROGR.      290.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0|     -1555.5|      0.0|     -19.5|
| 5- 1|      0.0|      0.0|      0.0|     -1550.3|      0.0|     -19.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx |      -117.5|      0.0|      0.0|      117.5|
| 5- 1|si| 5|  Tz |      -117.1|     -0.8|      0.0|      117.1|
| 5- 1|si| 9|  Ty |      -117.1|      0.0|      4.2|      117.4|
| 6- 1|si| 9|  Si |      -117.5|      0.0|      4.2|      117.8|
-----
VERIFICA STABILITA` :
|L0 = 290.1
Z |Lc = 290.1|Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
Y |Lc = 290.1|Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1555.5|Mzeq = 1227.3|Myeq = 0.0|Ss = -751.3 ( 0.287)
P_IPE120_S009 ( 9)      stato limite ultimo - ASTA ( 650- 651) 2162
-----
PROGR.      0.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0|     -1556.6|      0.0|      19.5|
| 1- 1|      0.0|      0.0|      0.0|     -958.1|      0.0|      19.5|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -117.6|      0.0|      0.0|      117.6|
| 1- 1|si| 5|  Tz |      -72.4|      0.8|      0.0|      72.4|
| 1- 1|si| 9|  Ty |      -72.4|      0.0|     -4.2|      72.8|
| 6- 1|si| 9|  Si |      -117.6|      0.0|     -4.2|      117.8|
-----
PROGR.      36.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      619.5|      0.0|      0.0|     -1556.6|      0.0|      14.6|
| 1- 1|      619.5|      0.0|      0.0|     -958.1|      0.0|      14.6|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -129.3|      0.0|      0.0|      129.3|
| 1- 1|si| 5|  Tz |      -84.1|      0.6|      0.0|      84.1|
| 1- 1|si| 9|  Ty |      -72.4|      0.0|     -3.2|      72.6|
| 6- 1|si| 5|  Si |      -129.3|      0.6|      0.0|      129.3|
-----
PROGR.      72.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1062.1|      0.0|      0.0|     -1556.6|      0.0|      9.8|
| 1- 1|      1062.1|      0.0|      0.0|     -958.1|      0.0|      9.8|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -137.6|      0.0|      0.0|      137.6|
| 1- 1|si| 5|  Tz |      -92.4|      0.4|      0.0|      92.4|
| 1- 1|si| 9|  Ty |      -72.4|      0.0|     -2.1|      72.5|
| 6- 1|si| 5|  Si |      -137.6|      0.4|      0.0|      137.6|
-----
PROGR.      109.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1327.6|      0.0|      0.0|     -1556.6|      0.0|      4.9|
| 7- 1|      1327.6|      0.0|      0.0|     -1423.9|      0.0|      4.9|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -142.6|      0.0|      0.0|      142.6|
| 7- 1|si| 5|  Tz |      -132.6|      0.2|      0.0|      132.6|
| 7- 1|si| 9|  Ty |      -107.6|      0.0|     -1.1|      107.6|
| 6- 1|si| 5|  Si |      -142.6|      0.2|      0.0|      142.6|
-----
PROGR.      145.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1416.1|      0.0|      0.0|     -1556.6|      0.0|      0.0|
| 11-16|      1089.3|      0.0|      0.0|     -230.4|      0.0|      0.0|
| 11-12|      1089.3|      0.0|      0.0|     -347.6|      0.0|      0.0|
TENSIONI (Sz=      0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -144.3|      0.0|      0.0|      144.3|
| 11-16|si| 5|  Tz |      -37.9|      0.0|      0.0|      37.9|
| 11-12|si| 9|  Ty |      -26.3|      0.0|      0.0|      26.3|
-----
PROGR.      181.
SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1327.6|      0.0|      0.0|     -1556.6|      0.0|     -4.9|
| 7- 2|      1327.6|      0.0|      0.0|     -492.4|      0.0|     -4.9|

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Copertura area carburante - Relazione di calcolo

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| 1- 1|      1327.6|      0.0|      0.0| -958.1|      0.0|      -4.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -142.6|      0.0|      0.0|      142.6|
| 7- 2|si| 5|  Tz |      -62.2|     -0.2|      0.0|      62.2|
| 1- 1|si| 9|  Ty |      -72.4|      0.0|      1.1|      72.4|
| 6- 1|si| 5|  Si |      -142.6|     -0.2|      0.0|      142.6|
----- PROGR.      218.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1062.1|      0.0|      0.0|      0.0| -1556.6|      0.0|
| 2- 1|      1062.1|      0.0|      0.0|     -1273.4|      0.0|
| 1- 1|      1062.1|      0.0|      0.0|     -958.1|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -137.6|      0.0|      0.0|      137.6|
| 2- 1|si| 5|  Tz |      -116.2|     -0.4|      0.0|      116.2|
| 1- 1|si| 9|  Ty |      -72.4|      0.0|      2.1|      72.5|
| 6- 1|si| 5|  Si |      -137.6|     -0.4|      0.0|      137.6|
----- PROGR.      254.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      619.5|      0.0|      0.0|     -1556.6|      0.0|
| 1- 1|      619.5|      0.0|      0.0|     -958.1|      0.0|
| 2- 1|      619.5|      0.0|      0.0|     -1273.4|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -129.3|      0.0|      0.0|      129.3|
| 1- 1|si| 5|  Tz |      -84.1|     -0.6|      0.0|      84.1|
| 2- 1|si| 9|  Ty |      -96.2|      0.0|      3.2|      96.4|
| 6- 1|si| 5|  Si |      -129.3|     -0.6|      0.0|      129.3|
----- PROGR.      290.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0|     -1556.6|      0.0|
| 1- 1|      0.0|      0.0|      0.0|     -958.1|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 3|Sx |      -117.6|      0.0|      0.0|      117.6|
| 1- 1|si| 5|  Tz |      -72.4|     -0.8|      0.0|      72.4|
| 1- 1|si| 9|  Ty |      -72.4|      0.0|      4.2|      72.8|
| 6- 1|si| 9|  Si |      -117.6|      0.0|      4.2|      117.8|
-----

VERIFICA STABILITA` :
|L0 = 290. |
Z |Lc = 290. |Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
Y |Lc = 290. |Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
Caso 6- 1 - Nodo 1 - Asse Y
Ned = -1556.6|Mzeq = 1227.3|Myeq = 0.0|Ss = -751.9 ( 0.287)

P_IPE120_S009 ( 9)      stato limite ultimo - ASTA ( 651- 358) 2163
----- PROGR.      0.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      0.0|      0.0|      0.0|     -1554.5|      0.0|
| 5- 1|      0.0|      0.0|      0.0|     -1552.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -117.4|      0.0|      0.0|      117.4|
| 5- 1|si| 5|  Tz |      -117.3|      0.8|      0.0|      117.3|
| 5- 1|si| 9|  Ty |      -117.3|      0.0|     -4.2|      117.5|
| 6- 1|si| 9|  Si |      -117.4|      0.0|     -4.2|      117.7|
----- PROGR.      36.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      619.5|      0.0|      0.0|     -1554.5|      0.0|
| 5- 1|      619.5|      0.0|      0.0|     -1552.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -129.1|      0.0|      0.0|      129.1|
| 5- 1|si| 5|  Tz |      -128.9|      0.6|      0.0|      128.9|
| 5- 1|si| 9|  Ty |      -117.3|      0.0|     -3.2|      117.4|
| 6- 1|si| 5|  Si |      -129.1|      0.6|      0.0|      129.1|
----- PROGR.      72.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1062.1|      0.0|      0.0|     -1554.5|      0.0|
| 5- 1|      1062.1|      0.0|      0.0|     -1552.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -137.5|      0.0|      0.0|      137.5|
| 5- 1|si| 5|  Tz |      -137.3|      0.4|      0.0|      137.3|
| 5- 1|si| 9|  Ty |      -117.3|      0.0|     -2.1|      117.3|
| 6- 1|si| 5|  Si |      -137.5|      0.4|      0.0|      137.5|
----- PROGR.      109.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1327.6|      0.0|      0.0|     -1554.5|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |      Sx |      Tz |      Ty |      Si |
| 6- 1|si| 1|Sx |      -142.5|      0.0|      0.0|      142.5|
| 6- 1|si| 5|  Tz Si |      -142.5|      0.2|      0.0|      142.5|
| 6- 1|si| 9|  Ty |      -117.4|      0.0|     -1.1|      117.5|
----- PROGR.      145.

SOLLECITAZIONI      :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 6- 1|      1416.1|      0.0|      0.0|     -1554.5|      0.0|
TENSIONI (Sz= 0.00) :

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Copertura area carburante - Relazione di calcolo

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx	Si	-144.1	0.0	0.0	144.1
6- 1	|si| 5	Tz		-144.1	0.0	0.0	144.1
6- 1	|si| 9	Ty		-117.4	0.0	0.0	117.4

PROGR. 181.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1327.6	0.0	0.0	-1554.5	0.0	-4.9
8- 2	1327.6	0.0	0.0	-488.7	0.0	-4.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-142.5	0.0	0.0	142.5
8- 2	|si| 5	Tz		-61.9	-0.2	0.0	61.9
8- 2	|si| 9	Ty		-36.9	0.0	1.1	37.0
6- 1	|si| 5	Si		-142.5	-0.2	0.0	142.5

PROGR. 218.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1062.1	0.0	0.0	-1554.5	0.0	-9.8
7- 2	1062.1	0.0	0.0	-492.7	0.0	-9.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-137.5	0.0	0.0	137.5
7- 2	|si| 5	Tz		-57.2	-0.4	0.0	57.2
7- 2	|si| 9	Ty		-37.2	0.0	2.1	37.4
6- 1	|si| 5	Si		-137.5	-0.4	0.0	137.5

PROGR. 254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	619.5	0.0	0.0	-1554.5	0.0	-14.6
7- 2	619.5	0.0	0.0	-492.7	0.0	-14.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-129.1	0.0	0.0	129.1
7- 2	|si| 5	Tz		-48.9	-0.6	0.0	48.9
7- 2	|si| 9	Ty		-37.2	0.0	3.2	37.6
6- 1	|si| 5	Si		-129.1	-0.6	0.0	129.1

PROGR. 290.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1554.5	0.0	-19.5
8- 2	0.0	0.0	0.0	-488.7	0.0	-19.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-117.4	0.0	0.0	117.4
8- 2	|si| 5	Tz		-36.9	-0.8	0.0	36.9
8- 2	|si| 9	Ty		-36.9	0.0	4.2	37.6
6- 1	|si| 9	Si		-117.4	0.0	4.2	117.7

VERIFICA STABILITA' :

|L0 = 290.0|
 Z |Lc = 290.0|Ro = 4.90|lm = 59.1|Ncr= 78472.0|alfa(a)=0.2100|ki=0.8565|
 Y |Lc = 290.0|Ro = 1.45|lm = 200.6|Ncr= 6820.4|alfa(b)=0.3400|ki=0.1615|
 Caso 6- 1 - Nodo 1 - Asse Y
 Ned = -1554.5|Mzeq = 1227.3|Myeq = 0.0|Ss = -750.8 (0.287)

P_IPE120_S009 (9) stato limite ultimo - ASTA (358- 686) 2164
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-1555.8	0.0	22.9
5- 1	0.0	0.0	0.0	-1554.9	0.0	22.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-117.5	0.0	0.0	117.5
5- 1	|si| 5	Tz		-117.5	0.9	0.0	117.5
5- 1	|si| 9	Ty		-117.5	0.0	-5.0	117.8
6- 1	|si| 9	Si		-117.5	0.0	-5.0	117.9

PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	851.6	0.0	0.0	-1555.8	0.0	17.2
5- 1	851.6	0.0	0.0	-1554.9	0.0	17.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-133.6	0.0	0.0	133.6
5- 1	|si| 5	Tz		-133.5	0.7	0.0	133.5
5- 1	|si| 9	Ty		-117.5	0.0	-3.7	117.7
6- 1	|si| 5	Si		-133.6	0.7	0.0	133.6

PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1459.9	0.0	0.0	-1555.8	0.0	11.5
5- 1	1459.9	0.0	0.0	-1554.9	0.0	11.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	|si| 1	Sx		-145.1	0.0	0.0	145.1
5- 1	|si| 5	Tz		-145.0	0.5	0.0	145.0
5- 1	|si| 9	Ty		-117.5	0.0	-2.5	117.6
6- 1	|si| 5	Si		-145.1	0.5	0.0	145.1

PROGR. 128.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1824.8	0.0	0.0	-1555.8	0.0	5.7
5- 1	1824.8	0.0	0.0	-1554.9	0.0	5.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx		-151.9	0.0	0.0	151.9

Copertura area carburante - Relazione di calcolo

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| 5- 1|si| 5| Si| -145.4| 0.5| 0.0| 145.4|
-----
PROGR. 128.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1824.8| 0.0| 0.0| -1560.1| 0.0| 5.7|
| 7- 2| 1824.8| 0.0| 0.0| -494.7| 0.0| 5.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -152.3| 0.0| 0.0| 152.3|
| 7- 2|si| 5| Tz | -71.8| 0.2| 0.0| 71.8|
| 7- 2|si| 9| Ty | -37.4| 0.0| -1.2| 37.4|
| 5- 1|si| 5| Si | -152.3| 0.2| 0.0| 152.3|
-----
PROGR. 170.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1946.5| 0.0| 0.0| -1560.1| 0.0| 0.0|
| 7- 1| 1946.5| 0.0| 0.0| -1429.8| 0.0| 0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -154.6| 0.0| 0.0| 154.6|
| 7- 1|si| 5| Tz | -144.7| 0.0| 0.0| 144.7|
| 7- 1|si| 9| Ty | -108.0| 0.0| 0.0| 108.0|
-----
PROGR. 212.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1824.8| 0.0| 0.0| -1560.1| 0.0| -5.7|
| 3- 1| 1824.8| 0.0| 0.0| -1242.8| 0.0| -5.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -152.3| 0.0| 0.0| 152.3|
| 5- 1|si| 5| Tz | -152.3| -0.2| 0.0| 152.3|
| 3- 1|si| 9| Ty | -93.9| 0.0| 1.2| 93.9|
-----
PROGR. 255.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1459.9| 0.0| 0.0| -1560.1| 0.0| -11.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -145.4| 0.0| 0.0| 145.4|
| 5- 1|si| 5| Tz | -145.4| -0.5| 0.0| 145.4|
| 5- 1|si| 9| Ty | -117.9| 0.0| 2.5| 118.0|
-----
PROGR. 298.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 851.6| 0.0| 0.0| -1560.1| 0.0| -17.2|
| 7- 1| 851.6| 0.0| 0.0| -1429.8| 0.0| -17.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -133.9| 0.0| 0.0| 133.9|
| 7- 1|si| 5| Tz | -124.1| -0.7| 0.0| 124.1|
| 7- 1|si| 9| Ty | -108.0| 0.0| 3.7| 108.2|
| 5- 1|si| 5| Si | -133.9| -0.7| 0.0| 133.9|
-----
PROGR. 340.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1560.1| 0.0| -22.9|
| 7- 1| 0.0| 0.0| 0.0| -1429.8| 0.0| -22.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -117.9| 0.0| 0.0| 117.9|
| 7- 1|si| 5| Tz | -108.0| -0.9| 0.0| 108.0|
| 7- 1|si| 9| Ty | -108.0| 0.0| 5.0| 108.4|
| 5- 1|si| 9| Si | -117.9| 0.0| 5.0| 118.2|
-----
VERIFICA STABILITA' :
|L0 = 340. |
Z |Lc = 340. |Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
Y |Lc = 340. |Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1560.1|Mzeq = 1687.0|Myeq = 0.0|Ss = -1011.6 ( 0.386)
P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 687- 376) 2166
-----
PROGR. 0.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 0.0| 0.0| 0.0| -1559.3| 0.0| 22.9|
| 7- 2| 0.0| 0.0| 0.0| -494.8| 0.0| 22.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -117.8| 0.0| 0.0| 117.8|
| 7- 2|si| 5| Tz | -37.4| 0.9| 0.0| 37.4|
| 7- 2|si| 9| Ty | -37.4| 0.0| -5.0| 38.4|
| 5- 1|si| 9| Si | -117.8| 0.0| -5.0| 118.1|
-----
PROGR. 42.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 851.6| 0.0| 0.0| -1559.3| 0.0| 17.2|
| 7- 2| 851.6| 0.0| 0.0| -494.8| 0.0| 17.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi | Sx | Tz | Ty | Si |
| 5- 1|si| 1|Sx | -133.9| 0.0| 0.0| 133.9|
| 7- 2|si| 5| Tz | -53.4| 0.7| 0.0| 53.4|
| 7- 2|si| 9| Ty | -37.4| 0.0| -3.7| 37.9|
| 5- 1|si| 5| Si | -133.9| 0.7| 0.0| 133.9|
-----
PROGR. 85.
SOLLECITAZIONI :
| Caso | MZ | MY | MT | N | TZ | TY |
| 5- 1| 1459.9| 0.0| 0.0| -1559.3| 0.0| 11.5|

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Copertura area carburante - Relazione di calcolo

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| 7- 2|          1459.9|      0.0|      0.0|     -494.8|      0.0|      11.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -145.3|      0.0|      0.0|     145.3|
| 7- 2|si| 5|  Tz |      -64.9|      0.5|      0.0|      64.9|
| 7- 2|si| 9|  Ty |      -37.4|      0.0|     -2.5|      37.6|
| 5- 1|si| 5|  Si |     -145.3|      0.5|      0.0|     145.3|
----- PROGR. 128.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      1824.8|      0.0|      0.0|     -1559.3|      0.0|      5.7|
| 8- 2|      1824.8|      0.0|      0.0|     -497.9|      0.0|      5.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -152.2|      0.0|      0.0|     152.2|
| 8- 2|si| 5|  Tz |      -72.0|      0.2|      0.0|      72.0|
| 8- 2|si| 9|  Ty |      -37.6|      0.0|     -1.2|      37.7|
| 5- 1|si| 5|  Si |     -152.2|      0.2|      0.0|     152.2|
----- PROGR. 170.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      1946.5|      0.0|      0.0|     -1559.3|      0.0|      0.0|
| 6- 1|      1946.5|      0.0|      0.0|     -1557.5|      0.0|      0.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -154.5|      0.0|      0.0|     154.5|
| 6- 1|si| 6|  Tz |      -154.4|      0.0|      0.0|     154.4|
| 6- 1|si| 9|  Ty |     -117.7|      0.0|      0.0|     117.7|
----- PROGR. 212.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      1824.8|      0.0|      0.0|     -1559.3|      0.0|     -5.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -152.2|      0.0|      0.0|     152.2|
| 5- 1|si| 5|  Tz |      -152.2|     -0.2|      0.0|     152.2|
| 5- 1|si| 9|  Ty |     -117.8|      0.0|      1.2|     117.8|
----- PROGR. 255.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      1459.9|      0.0|      0.0|     -1559.3|      0.0|     -11.5|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -145.3|      0.0|      0.0|     145.3|
| 5- 1|si| 5|  Tz |     -145.3|     -0.5|      0.0|     145.3|
| 5- 1|si| 9|  Ty |     -117.8|      0.0|      2.5|     117.9|
----- PROGR. 298.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      851.6|      0.0|      0.0|     -1559.3|      0.0|     -17.2|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |      -133.9|      0.0|      0.0|     133.9|
| 5- 1|si| 5|  Tz |     -133.9|     -0.7|      0.0|     133.9|
| 5- 1|si| 9|  Ty |     -117.8|      0.0|      3.7|     118.0|
----- PROGR. 340.

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SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0|     -1559.3|      0.0|     -22.9|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 3|Sx |      -117.8|      0.0|      0.0|     117.8|
| 5- 1|si| 5|  Tz |     -117.8|     -0.9|      0.0|     117.8|
| 5- 1|si| 9|  TySi |     -117.8|      0.0|      5.0|     118.1|
----- PROGR. 340.

```

VERIFICA STABILITA` :

```

|L0 = 340. |
Z |Lc = 340. |Ro = 4.90|lm = 69.3|Ncr= 57089.0|alfa(a)=0.2100|ki=0.7966|
Y |Lc = 340. |Ro = 1.45|lm = 235.1|Ncr= 4961.9|alfa(b)=0.3400|ki=0.1204|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1559.3|Mezq = 1687.0|Myeq = 0.0|Ss = -1011.1 ( 0.386)

```

```

P_IPE120_S009 ( 9) stato limite ultimo - ASTA ( 376- 735) 2167
----- PROGR. 0.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      0.0|      0.0|      0.0|     -1565.6|      0.0|     21.4|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |     -118.3|      0.0|      0.0|     118.3|
| 5- 1|si| 5|  Tz |     -118.3|      0.9|      0.0|     118.3|
| 5- 1|si| 9|  TySi |     -118.3|      0.0|     -4.6|     118.6|
----- PROGR. 40.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      743.1|      0.0|      0.0|     -1565.6|      0.0|     16.0|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |     -132.3|      0.0|      0.0|     132.3|
| 5- 1|si| 5|  Tz |     -132.3|      0.7|      0.0|     132.3|
| 5- 1|si| 9|  Ty |     -118.3|      0.0|     -3.5|     118.4|
----- PROGR. 79.

```

```

SOLLECITAZIONI :
| Caso |      MZ |      MY |      MT |      N |      TZ |      TY |
| 5- 1|      1273.9|      0.0|      0.0|     -1565.6|      0.0|     10.7|
TENSIONI (Sz= 0.00) :
| Caso |Ve|No|massimi |  Sx |      Tz |      Ty |      Si |
| 5- 1|si| 1|Sx |     -142.3|      0.0|      0.0|     142.3|

```


| 5- 1|	1273.9|	0.0|	0.0|	-1585.7|	0.0|	10.7|
| 7- 2|	1273.9|	0.0|	0.0|	-499.1|	0.0|	10.7|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	|1|	|Sx |	-143.8|	0.0|	0.0|	143.8|
| 7- 2|	|si|	|5|	|Tz |	-61.7|	0.4|	0.0|	61.7|
| 7- 2|	|si|	|9|	|Ty |	-37.7|	0.0|	-2.3|	37.9|
| 5- 1|	|si|	|5|	|Si |	-143.8|	0.4|	0.0|	143.8|

PROGR. 119.

SOLLECITAZIONI :

| Caso |	|MZ |	|MY |	|MT |	| N |	| TZ |	| TY |
| 5- 1|	1592.3|	0.0|	0.0|	-1585.7|	0.0|	5.3|
| 7- 2|	1592.3|	0.0|	0.0|	-499.1|	0.0|	5.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	|1|	|Sx |	-149.8|	0.0|	0.0|	149.8|
| 7- 2|	|si|	|5|	|Tz |	-67.7|	0.2|	0.0|	67.7|
| 7- 2|	|si|	|9|	|Ty |	-37.7|	0.0|	-1.2|	37.8|
| 5- 1|	|si|	|5|	|Si |	-149.8|	0.2|	0.0|	149.8|

PROGR. 159.

SOLLECITAZIONI :

| Caso |	|MZ |	|MY |	|MT |	| N |	| TZ |	| TY |
| 5- 1|	1698.5|	0.0|	0.0|	-1585.7|	0.0|	0.0|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	|1|	|Sx |	-151.8|	0.0|	0.0|	151.8|
| 5- 1|	|si|	|5|	|Tz |	-151.8|	0.0|	0.0|	151.8|
| 5- 1|	|si|	|9|	|Ty |	-119.8|	0.0|	0.0|	119.8|

PROGR. 199.

SOLLECITAZIONI :

| Caso |	|MZ |	|MY |	|MT |	| N |	| TZ |	| TY |
| 5- 1|	1592.3|	0.0|	0.0|	-1585.7|	0.0|	-5.3|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	|1|	|Sx |	-149.8|	0.0|	0.0|	149.8|
| 5- 1|	|si|	|5|	|Tz |	-149.8|	-0.2|	0.0|	149.8|
| 5- 1|	|si|	|9|	|Ty |	-119.8|	0.0|	1.2|	119.8|

PROGR. 238.

SOLLECITAZIONI :

| Caso |	|MZ |	|MY |	|MT |	| N |	| TZ |	| TY |
| 5- 1|	1273.9|	0.0|	0.0|	-1585.7|	0.0|	-10.7|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	|1|	|Sx |	-143.8|	0.0|	0.0|	143.8|
| 5- 1|	|si|	|5|	|Tz |	-143.8|	-0.4|	0.0|	143.8|
| 5- 1|	|si|	|9|	|Ty |	-119.8|	0.0|	2.3|	119.9|

PROGR. 278.

SOLLECITAZIONI :

| Caso |	|MZ |	|MY |	|MT |	| N |	| TZ |	| TY |
| 5- 1|	743.1|	0.0|	0.0|	-1585.7|	0.0|	-16.0|

TENSIONI (Sz= 0.00) :

| Caso |	|Ve|	|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	|1|	|Sx |	-133.8|	0.0|	0.0|	133.8|
| 5- 1|	|si|	|5|	|Tz |	-133.8|	-0.7|	0.0|	133.8|
| 5- 1|	|si|	|9|	|Ty |	-119.8|	0.0|	3.5|	120.0|

PROGR. 318.

SOLLECITAZIONI :

| Caso |	|MZ |	|MY |	|MT |	| N |	| TZ |	| TY |
| 5- 1|	0.0|	0.0|	0.0|	-1585.7|	0.0|	-21.4|

TENSIONI (Sz= 0.00) :

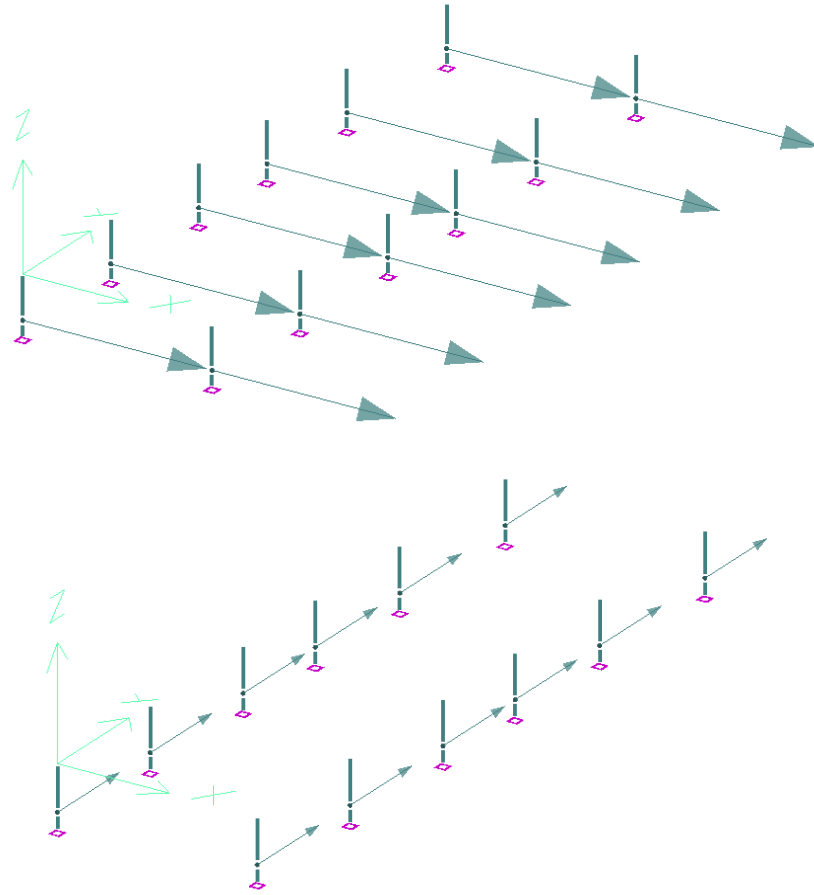
| Caso |	|Ve|	|No|	|massimi |	| Sx |	| Tz |	| Ty |	| Si |
| 5- 1|	|si|	|3|	|Sx |	-119.8|	0.0|	0.0|	119.8|
| 5- 1|	|si|	|5|	|Tz |	-119.8|	-0.9|	0.0|	119.8|
| 5- 1|	|si|	|9|	|Tys|	-119.8|	0.0|	4.6|	120.1|

VERIFICA STABILITA` :

|L0 = 318. |
Z |Lc = 318. |Ro = 4.90|Im = 64.8|Ncr = 65425.9|alfa(a)=0.2100|ki=0.8251|
Y |Lc = 318. |Ro = 1.45|Im = 219.6|Ncr = 5686.5|alfa(b)=0.3400|ki=0.1366|
Caso 5- 1 - Nodo 1 - Asse Y
Ned = -1585.7|Mzeq = 1472.0|Myeq = 0.0|Ss = -905.2 (0.346)

11.7 Verifica pilastri all'urto

La verifica è condotta applicando ai pilastri un'azione pari a 150 kN in direzione parallela al traffico e pari a 75 kN in direzione trasversale come definito al punto 3.6.3.3.1 delle NTC. La combinazione di carico a SLU è ottenuta sommando le sollecitazioni caratteristiche dovute agli urti alla combinazione quasi permanente precedentemente definita. Si riportano le immagini con l'applicazione delle forze nelle due direzioni e la verifica sintetica delle tensioni massime all'incastro:



VERIFICA ASTE IN ACCIAIO

RIASSUNTO DELLE ASTE VERIFICATE CON L'ULTIMO CALCOLO EFFETTUATO

Rapporti di tensioni:

asta	sez	profilo	|Tau %	Sx %	Si %	Ss %	Max %	
1495	10	P_HEB340_S010	27	55	55	30	55	Si
1496	10	P_HEB340_S010	28	55	55	29	55	Si
1497	10	P_HEB340_S010	29	63	63	35	63	Si
1498	10	P_HEB340_S010	29	62	62	35	62	Si
1499	10	P_HEB340_S010	29	61	61	34	61	Si
1500	10	P_HEB340_S010	29	60	60	34	60	Si
1501	10	P_HEB340_S010	28	63	63	35	63	Si
1502	10	P_HEB340_S010	26	62	62	35	62	Si
1503	10	P_HEB340_S010	26	62	62	34	62	Si
1504	10	P_HEB340_S010	26	61	61	34	61	Si
1505	10	P_HEB340_S010	26	60	60	33	60	Si
1506	10	P_HEB340_S010	27	64	64	35	64	Si
2237	10	P_HEB340_S010	1	16	16	12	16	Si
2238	10	P_HEB340_S010	2	19	19	17	19	Si
2239	10	P_HEB340_S010	2	18	18	16	18	Si
2240	10	P_HEB340_S010	2	17	17	15	17	Si
2241	10	P_HEB340_S010	2	16	16	15	16	Si
2242	10	P_HEB340_S010	1	22	22	18	22	Si
2243	10	P_HEB340_S010	1	12	12	11	12	Si
2244	10	P_HEB340_S010	2	18	18	16	18	Si
2245	10	P_HEB340_S010	2	18	18	16	18	Si
2246	10	P_HEB340_S010	2	16	16	15	16	Si
2247	10	P_HEB340_S010	2	14	14	15	15	Ss
2248	10	P_HEB340_S010	1	23	23	19	23	Si

12.Verifica SLU/SLV nodi strutturali

12.1 Attacco pilastro in fondazione

VERIFICA TENSIONALE NODI: 833, 828 - METODO DEGLI STATI LIMITE (NTC 2008)

UNITA' DI MISURA: [daN] ; [daNcm] ; [daN/cm2] ; [mm]

GEOMETRIA NODO

Profili utilizzati

Tipo prof.	h	b	a	e	r
HEB340	340.	300.	12.	21.5	27.

Piastra e fazzoletti

Num	Lz	Ly	Sp
1	580.	620.	25.
2 (Y)	620.	200.	20.
3 (Z)	120.	200.	20.

TIRAFONDI

Tirafondi (n° 8)

Num	X	Y	Fi	Area	Num	X	Y	Fi	Area
1	540.	40.	22.	303.	5	540.	310.	22.	303.
2	40.	40.	22.	303.	6	40.	310.	22.	303.
3	540.	580.	22.	303.	7	290.	580.	22.	303.
4	40.	580.	22.	303.	8	290.	40.	22.	303.

Dimensioni

l	lft	ll	r
600.	120.	550.	70.

SALDATURE (n° 40)

Nome	Lung	Lato	Nome	Lung	Lato
S1	243.	20.	S21	140.	20.
S2	117.	20.	S22	140.	20.
S3	300.	20.	S23	140.	20.
S4	117.	20.	S24	140.	20.
S5	243.	20.	S25	120.	20.
S6	117.	20.	S26	120.	20.
S7	300.	20.	S27	120.	20.
S8	117.	20.	S28	120.	20.
S9	-	-	S29	200.	20.
S10	300.	20.	S30	200.	20.
S11	140.	20.	S31	200.	20.
S12	140.	20.	S32	200.	20.
S13	140.	20.	S33	200.	20.
S14	140.	20.	S34	200.	20.
S15	120.	20.	S35	200.	20.
S16	120.	20.	S36	200.	20.
S17	120.	20.	S37	200.	20.
S18	120.	20.	S38	200.	20.
S19	-	-	S39	200.	20.
S20	300.	20.	S40	200.	20.

MATERIALI

Acciaio S 355 (Fe 510)		Calcestruzzo C25/30
fd s<40mm	fd 40mm<s<80mm	fcd
3381.	3190.5	141.1
Acciaio tirafondi 8.8		
fd		
5192.		

SOLLECITAZIONI AGENTI E STATO TENSIONALE

Combinazione di sollecitazioni agenti Caso 11 As. 1506 Nd. 833

N: -3913.6	Ty: 3832	Tz: -557.5
Mt: 0	My: -195665	Mz: -1290927

Verifica tirafondi

Co-1, Co-2: NTC 2008, 4.2.8.1.1 formula (4.2.65)

Co-3: Ft,Ed / Tad,Rd

Num	Fv,Ed	Fv,Rd	Fb,Rd	Ft,Ed	Ft,Rd	Bp,Rd	Tad,Rd	Co-1	Co-2	Co-3	Ver
1	484.	11635.2	27129.1	-1393.6	17452.8	63447.6	7935.6	.04	.08	.18	SI'
2	484.	11635.2	27129.1	-621.3	17452.8	63447.6	7935.6	.04	.04	.08	SI'
3	484.	11635.2	27129.1	6026.3	17452.8	63447.6	7935.6	.29	.35	.76	SI'
4	484.	11635.2	27129.1	6798.5	17452.8	63447.6	7935.6	.32	.39	.86	SI'
5	484.	11635.2	43087.4	2316.4	17452.8	63447.6	7935.6	.14	.13	.29	SI'
6	484.	11635.2	43087.4	3088.6	17452.8	63447.6	7935.6	.17	.18	.39	SI'
7	484.	11635.2	27703.7	6412.4	17452.8	63447.6	7935.6	.31	.37	.81	SI'
8	484.	11635.2	27703.7	-1007.4	17452.8	63447.6	7935.6	.04	.06	.13	SI'

Verifica saldature

SEq-1, SLim-1: NTC 2008, 4.2.8.2.4 formula (4.2.78)

SEq-2, SLim-2: NTC 2008, 4.2.8.2.4 formula (4.2.79)

Nome	S prp	Tau pa	Tau pe	SEq-1	SEq-2	SLim-1	SLim-2	Ver
S1	96.1	12.3	0.	96.9	96.1	2485.	3017.5	SI'
S2	127.9	1.9	0.	128.	127.9	2485.	3017.5	SI'
S3	153.7	1.9	0.	153.7	153.7	2485.	3017.5	SI'
S4	104.7	1.9	0.	104.7	104.7	2485.	3017.5	SI'
S5	92.8	12.3	0.	93.6	92.8	2485.	3017.5	SI'
S6	114.9	1.9	0.	114.9	114.9	2485.	3017.5	SI'
S7	140.7	1.9	0.	140.7	140.7	2485.	3017.5	SI'

Copertura area carburante - Relazione di calcolo

S8|	91.6|	1.9|	0.|	91.6|	91.6|	2485.|	3017.5|SI'|
S10|	124.5|	12.3|	0.|	125.1|	124.5|	2485.|	3017.5|SI'|
S11|	212.7|	12.3|	0.|	213.|	212.7|	2485.|	3017.5|SI'|
S12|	208.3|	12.3|	0.|	208.7|	208.3|	2485.|	3017.5|SI'|
S13|	235.9|	12.3|	0.|	236.3|	235.9|	2485.|	3017.5|SI'|
S14|	240.3|	12.3|	0.|	240.6|	240.3|	2485.|	3017.5|SI'|
S15|	88.3|	1.9|	0.|	88.4|	88.3|	2485.|	3017.5|SI'|
S16|	102.8|	1.9|	0.|	102.8|	102.8|	2485.|	3017.5|SI'|
S17|	144.|	1.9|	0.|	144.|	144.|	2485.|	3017.5|SI'|
S18|	158.5|	1.9|	0.|	158.5|	158.5|	2485.|	3017.5|SI'|
S20|	137.6|	12.3|	0.|	138.1|	137.6|	2485.|	3017.5|SI'|
S21|	249.|	12.3|	0.|	249.3|	249.|	2485.|	3017.5|SI'|
S22|	253.3|	12.3|	0.|	253.6|	253.3|	2485.|	3017.5|SI'|
S23|	199.6|	12.3|	0.|	200.|	199.6|	2485.|	3017.5|SI'|
S24|	195.2|	12.3|	0.|	195.6|	195.2|	2485.|	3017.5|SI'|
S25|	146.8|	1.9|	0.|	146.8|	146.8|	2485.|	3017.5|SI'|
S26|	161.3|	1.9|	0.|	161.3|	161.3|	2485.|	3017.5|SI'|
S27|	85.5|	1.9|	0.|	85.5|	85.5|	2485.|	3017.5|SI'|
S28|	100.|	1.9|	0.|	100.|	100.|	2485.|	3017.5|SI'|
S29|	0.|	792.|	167.8|	809.6|	167.8|	2485.|	3017.5|SI'|
S30|	15.5|	651.7|	167.8|	673.2|	183.3|	2485.|	3017.5|SI'|
S31|	0.|	545.|	167.8|	570.2|	167.8|	2485.|	3017.5|SI'|
S32|	77.7|	561.9|	167.8|	591.6|	245.5|	2485.|	3017.5|SI'|
S33|	77.7|	561.9|	0.|	567.3|	77.7|	2485.|	3017.5|SI'|
S34|	77.7|	561.9|	325.7|	654.1|	403.4|	2485.|	3017.5|SI'|
S35|	77.7|	561.9|	0.|	567.3|	77.7|	2485.|	3017.5|SI'|
S36|	0.|	722.8|	325.7|	792.8|	325.7|	2485.|	3017.5|SI'|
S37|	15.5|	651.7|	325.7|	728.8|	341.3|	2485.|	3017.5|SI'|
S38|	0.|	475.8|	325.7|	576.6|	325.7|	2485.|	3017.5|SI'|
S39|	15.5|	651.7|	0.|	651.9|	15.5|	2485.|	3017.5|SI'|
S40|	15.5|	651.7|	0.|	651.9|	15.5|	2485.|	3017.5|SI'|

Verifica piastra

Smax| fd|Ver|
2522.6| 3381.|SI'|

Verifica nervature

Posizione| Smax| fd|Ver|
Z | 1338.9| 3381.|SI'|
Y | 1831.8| 3381.|SI'|

Verifica pressione sul calcestruzzo

Smax| fcd|Ver|
99.1| 141.1|SI'|

NODO VERIFICATO IN BASE ALLA COMB. DI SOLLECITAZIONI AGENTI Caso 11 As. 1506 Nd. 833

Combinazione di sollecitazioni agenti Caso 5 As. 1501 Nd. 828

N: -21630.2 Ty: 4065.9 Tz: 3724.9
Mt: 0 My: 776931 Mz: -938496

Verifica tirafondi

Co-1, Co-2: NTC 2008, 4.2.8.1.1 formula (4.2.65)

Co-3: Ft,Ed / Tad,Rd

Num	Fv,Ed|	Fv,Rd|	Fb,Rd|	Ft,Ed|	Ft,Rd|	Bp,Rd|	Tad,Rd|	Co-1|	Co-2|	Co-3|	Ver|
1 |	689.3|	11635.2|	27129.1|	882.3|	17452.8|	63447.6|	7935.6|	.1|	.05|	.11|	SI'|
2 |	689.3|	11635.2|	27129.1|	-1890.4|	17452.8|	63447.6|	7935.6|	.06|	.11|	.24|	SI'|
3 |	689.3|	11635.2|	27129.1|	4241.9|	17452.8|	63447.6|	7935.6|	.23|	.24|	.53|	SI'|
4 |	689.3|	11635.2|	27129.1|	1469.2|	17452.8|	63447.6|	7935.6|	.12|	.08|	.19|	SI'|
5 |	689.3|	11635.2|	43087.4|	2562.1|	17452.8|	63447.6|	7935.6|	.16|	.15|	.32|	SI'|
6 |	689.3|	11635.2|	43087.4|	-210.6|	17452.8|	63447.6|	7935.6|	.06|	.01|	.03|	SI'|
7 |	689.3|	11635.2|	27703.7|	2855.5|	17452.8|	63447.6|	7935.6|	.18|	.16|	.36|	SI'|
8 |	689.3|	11635.2|	27703.7|	-504.1|	17452.8|	63447.6|	7935.6|	.06|	.03|	.06|	SI'|

Verifica saldature

SEq-1, SLim-1: NTC 2008, 4.2.8.2.4 formula (4.2.78)

SEq-2, SLim-2: NTC 2008, 4.2.8.2.4 formula (4.2.79)

Nome|	S_prp|	Tau_pa|	Tau_pe|	SEq-1|	SEq-2|	SLim-1|	SLim-2|	Ver|
S1|	93.4|	13.|	0.|	94.3|	93.4|	2485.|	3017.5|SI'|	
S2|	93.9|	13.|	0.|	94.8|	93.9|	2485.|	3017.5|SI'|	
S3|	205.|	13.|	0.|	205.4|	205.|	2485.|	3017.5|SI'|	
S4|	186.2|	13.|	0.|	186.7|	186.2|	2485.|	3017.5|SI'|	
S5|	106.6|	13.|	0.|	107.4|	106.6|	2485.|	3017.5|SI'|	
S6|	37.5|	13.|	0.|	39.6|	37.5|	2485.|	3017.5|SI'|	
S7|	132.7|	13.|	0.|	133.4|	132.7|	2485.|	3017.5|SI'|	
S8|	114.|	13.|	0.|	114.7|	114.|	2485.|	3017.5|SI'|	
S10|	204.4|	13.|	0.|	204.8|	204.4|	2485.|	3017.5|SI'|	
S11|	271.3|	13.|	0.|	271.7|	271.3|	2485.|	3017.5|SI'|	
S12|	288.6|	13.|	0.|	288.9|	288.6|	2485.|	3017.5|SI'|	
S13|	54.8|	13.|	0.|	56.3|	54.8|	2485.|	3017.5|SI'|	
S14|	37.5|	13.|	0.|	39.7|	37.5|	2485.|	3017.5|SI'|	
S15|	257.7|	13.|	0.|	258.|	257.7|	2485.|	3017.5|SI'|	
S16|	268.2|	13.|	0.|	268.5|	268.2|	2485.|	3017.5|SI'|	
S17|	99.9|	13.|	0.|	100.8|	99.9|	2485.|	3017.5|SI'|	
S18|	89.4|	13.|	0.|	90.3|	89.4|	2485.|	3017.5|SI'|	
S20|	132.2|	13.|	0.|	132.8|	132.2|	2485.|	3017.5|SI'|	
S21|	127.|	13.|	0.|	127.7|	127.|	2485.|	3017.5|SI'|	
S22|	109.8|	13.|	0.|	110.6|	109.8|	2485.|	3017.5|SI'|	
S23|	199.1|	13.|	0.|	199.5|	199.1|	2485.|	3017.5|SI'|	
S24|	216.3|	13.|	0.|	216.7|	216.3|	2485.|	3017.5|SI'|	
S25|	35.1|	13.|	0.|	37.4|	35.1|	2485.|	3017.5|SI'|	
S26|	36.|	13.|	0.|	38.3|	36.|	2485.|	3017.5|SI'|	
S27|	192.9|	13.|	0.|	193.3|	192.9|	2485.|	3017.5|SI'|	
S28|	203.4|	13.|	0.|	203.8|	203.4|	2485.|	3017.5|SI'|	
S29|	0.|	166.3|	74.7|	182.3|	74.7|	2485.|	3017.5|SI'|	
S30|	83.7|	151.6|	74.7|	188.6|	158.4|	2485.|	3017.5|SI'|	
S31|	0.|	1134.4|	74.7|	1136.9|	74.7|	2485.|	3017.5|SI'|	
S32|	182.5|	1025.5|	74.7|	1044.2|	257.2|	2485.|	3017.5|SI'|	
S33|	182.5|	1025.5|	0.|	1041.6|	182.5|	2485.|	3017.5|SI'|	

Copertura area carburante - Relazione di calcolo

S34|	182.5|	1025.5|	209.2|	1062.4|	391.7|	2485.|	3017.5|SI'|
S35|	182.5|	1025.5|	0.|	1041.6|	182.5|	2485.|	3017.5|SI'|
S36|	0.|	200.7|	209.2|	289.9|	209.2|	2485.|	3017.5|SI'|
S37|	83.7|	218.1|	209.2|	313.6|	292.9|	2485.|	3017.5|SI'|
S38|	0.|	767.4|	209.2|	795.4|	209.2|	2485.|	3017.5|SI'|
S39|	83.7|	151.6|	0.|	173.2|	83.7|	2485.|	3017.5|SI'|
S40|	83.7|	151.6|	0.|	173.2|	83.7|	2485.|	3017.5|SI'|

Verifica piastra

Smax| fd|Ver|
2408.1| 3381.|SI'|

Verifica nervature

Posizione| Smax| fd|Ver|
Z | 2018.9| 3381.|SI'|
Y | 2408.1| 3381.|SI'|

Verifica pressione sul calcestruzzo

Smax| fcd|Ver|
116.7| 141.1|SI'|

NODO VERIFICATO IN BASE ALLA COMB. DI SOLLECITAZIONI AGENTI Caso 5 As. 1501 Nd. 828

Combinazione di sollecitazioni agenti Caso 8 As. 1506 Nd. 833

N: -18889.8 Ty: -2333.8 Tz: 5151.3
Mx: 0 My: 1117886 Mz: 460248

Verifica tirafondi

Co-1, Co-2: NTC 2008, 4.2.8.1.1 formula (4.2.65)

Co-3: Ft,Ed / Tad,Rd

Num|	Fv,Ed|	Fv,Rd|	Fb,Rd|	Ft,Ed|	Ft,Rd|	Bp,Rd|	Tad,Rd|	Co-1|	Co-2|	Co-3|	Ver|
1 |	706.9|	11635.2|	27129.1|	4807.3|	17452.8|	63447.6|	7935.6|	.26|	.28|	.61|	SI'|
2 |	706.9|	11635.2|	27129.1|	-254.6|	17452.8|	63447.6|	7935.6|	.06|	.01|	.03|	SI'|
3 |	706.9|	11635.2|	27129.1|	3383.3|	17452.8|	63447.6|	7935.6|	.2|	.19|	.43|	SI'|
4 |	706.9|	11635.2|	27129.1|	-1678.6|	17452.8|	63447.6|	7935.6|	.06|	.1|	.21|	SI'|
5 |	706.9|	11635.2|	43087.4|	4095.3|	17452.8|	63447.6|	7935.6|	.23|	.23|	.52|	SI'|
6 |	706.9|	11635.2|	43087.4|	-966.6|	17452.8|	63447.6|	7935.6|	.06|	.06|	.12|	SI'|
7 |	706.9|	11635.2|	27703.7|	852.4|	17452.8|	63447.6|	7935.6|	.1|	.05|	.11|	SI'|
8 |	706.9|	11635.2|	27703.7|	2276.3|	17452.8|	63447.6|	7935.6|	.15|	.13|	.29|	SI'|

Verifica saldature

SEq-1, SLim-1: NTC 2008, 4.2.8.2.4 formula (4.2.78)

SEq-2, SLim-2: NTC 2008, 4.2.8.2.4 formula (4.2.79)

Nome|	S_prp|	Tau_pa|	Tau_pe|	SEq-1|	SEq-2|	SLim-1|	SLim-2|	Ver|
S1|	53.4|	7.5|	0.|	53.9|	53.4|	2485.|	3017.5|	SI'|
S2|	113.9|	18.|	0.|	115.3|	113.9|	2485.|	3017.5|	SI'|
S3|	123.1|	18.|	0.|	124.4|	123.1|	2485.|	3017.5|	SI'|
S4|	104.1|	18.|	0.|	105.6|	104.1|	2485.|	3017.5|	SI'|
S5|	72.4|	7.5|	0.|	72.8|	72.4|	2485.|	3017.5|	SI'|
S6|	177.1|	18.|	0.|	177.9|	177.1|	2485.|	3017.5|	SI'|
S7|	186.2|	18.|	0.|	187.1|	186.2|	2485.|	3017.5|	SI'|
S8|	44.1|	18.|	0.|	47.6|	44.1|	2485.|	3017.5|	SI'|
S10|	198.9|	7.5|	0.|	199.1|	198.9|	2485.|	3017.5|	SI'|
S11|	91.5|	7.5|	0.|	91.8|	91.5|	2485.|	3017.5|	SI'|
S12|	116.3|	7.5|	0.|	116.6|	116.3|	2485.|	3017.5|	SI'|
S13|	215.3|	7.5|	0.|	215.5|	215.3|	2485.|	3017.5|	SI'|
S14|	240.1|	7.5|	0.|	240.3|	240.1|	2485.|	3017.5|	SI'|
S15|	205.3|	18.|	0.|	206.1|	205.3|	2485.|	3017.5|	SI'|
S16|	200.2|	18.|	0.|	201.1|	200.2|	2485.|	3017.5|	SI'|
S17|	282.7|	18.|	0.|	283.3|	282.7|	2485.|	3017.5|	SI'|
S18|	287.9|	18.|	0.|	288.4|	287.9|	2485.|	3017.5|	SI'|
S20|	135.8|	7.5|	0.|	136.1|	135.8|	2485.|	3017.5|	SI'|
S21|	152.2|	7.5|	0.|	152.4|	152.2|	2485.|	3017.5|	SI'|
S22|	177.1|	7.5|	0.|	177.2|	177.1|	2485.|	3017.5|	SI'|
S23|	28.4|	7.5|	0.|	29.4|	28.4|	2485.|	3017.5|	SI'|
S24|	53.2|	7.5|	0.|	53.7|	53.2|	2485.|	3017.5|	SI'|
S25|	216.1|	18.|	0.|	216.7|	216.1|	2485.|	3017.5|	SI'|
S26|	221.1|	18.|	0.|	221.9|	221.1|	2485.|	3017.5|	SI'|
S27|	138.6|	18.|	0.|	139.8|	138.6|	2485.|	3017.5|	SI'|
S28|	133.4|	18.|	0.|	134.6|	133.4|	2485.|	3017.5|	SI'|
S29|	0.|	766.1|	54.4|	768.1|	54.4|	2485.|	3017.5|	SI'|
S30|	133.7|	300.4|	54.4|	333.3|	188.1|	2485.|	3017.5|	SI'|
S31|	0.|	641.9|	54.4|	644.2|	54.4|	2485.|	3017.5|	SI'|
S32|	319.1|	848.3|	54.4|	907.9|	373.4|	2485.|	3017.5|	SI'|
S33|	319.1|	848.3|	0.|	906.3|	319.1|	2485.|	3017.5|	SI'|
S34|	319.1|	848.3|	253.8|	941.2|	572.8|	2485.|	3017.5|	SI'|
S35|	319.1|	848.3|	0.|	906.3|	319.1|	2485.|	3017.5|	SI'|
S36|	0.|	1096.5|	253.8|	1125.5|	253.8|	2485.|	3017.5|	SI'|
S37|	133.7|	300.4|	253.8|	415.4|	387.6|	2485.|	3017.5|	SI'|
S38|	0.|	311.5|	253.8|	401.8|	253.8|	2485.|	3017.5|	SI'|
S39|	133.7|	300.4|	0.|	328.8|	133.7|	2485.|	3017.5|	SI'|
S40|	133.7|	300.4|	0.|	328.8|	133.7|	2485.|	3017.5|	SI'|

Verifica piastra

Smax| fd|Ver|
2267.9| 3381.|SI'|

Verifica nervature

Posizione| Smax| fd|Ver|
Z | 2267.9| 3381.|SI'|
Y | 2023.2| 3381.|SI'|

Verifica pressione sul calcestruzzo

Smax| fcd|Ver|
108.2| 141.1|SI'|

NODO VERIFICATO IN BASE ALLA COMB. DI SOLLECITAZIONI AGENTI Caso 8 As. 1506 Nd. 833

Combinazione di sollecitazioni agenti Caso 12 As. 1501 Nd. 828

Copertura area carburante - Relazione di calcolo

N: -4312.3 Ty: -260.4 Tz: -3087.1
Mt: 0 My: -862198 Mz: 154869

Verifica tirafondi

Co-1, Co-2: NTC 2008, 4.2.8.1.1 formula (4.2.65)

Co-3: Ft,Ed / Tad,Rd

Num	Fv,Ed	Fv,Rd	Fb,Rd	Ft,Ed	Ft,Rd	Bp,Rd	Tad,Rd	Co-1	Co-2	Co-3	Ver
1	387.3	11635.2	27129.1	-432.4	17452.8	63447.6	7935.6	.03	.02	.05	SI'
2	387.3	11635.2	27129.1	4676.5	17452.8	63447.6	7935.6	.22	.27	.59	SI'
3	387.3	11635.2	27129.1	-992.7	17452.8	63447.6	7935.6	.03	.06	.13	SI'
4	387.3	11635.2	27129.1	4116.2	17452.8	63447.6	7935.6	.2	.24	.52	SI'
5	387.3	11635.2	43087.4	-712.5	17452.8	63447.6	7935.6	.03	.04	.09	SI'
6	387.3	11635.2	43087.4	4396.3	17452.8	63447.6	7935.6	.21	.25	.55	SI'
7	387.3	11635.2	27703.7	1561.8	17452.8	63447.6	7935.6	.1	.09	.2	SI'
8	387.3	11635.2	27703.7	2122.	17452.8	63447.6	7935.6	.12	.12	.27	SI'

Verifica saldature

SEq-1, SLim-1: NTC 2008, 4.2.8.2.4 formula (4.2.78)

SEq-2, SLim-2: NTC 2008, 4.2.8.2.4 formula (4.2.79)

Nome	S_prp	Tau_pa	Tau_pe	SEq-1	SEq-2	SLim-1	SLim-2	Ver
S1	25.1	.8	0.	25.1	25.1	2485.	3017.5	SI'
S2	79.	10.8	0.	79.7	79.	2485.	3017.5	SI'
S3	92.2	10.8	0.	92.8	92.2	2485.	3017.5	SI'
S4	89.1	10.8	0.	89.8	89.1	2485.	3017.5	SI'
S5	10.7	.8	0.	10.7	10.7	2485.	3017.5	SI'
S6	64.6	10.8	0.	65.5	64.6	2485.	3017.5	SI'
S7	106.6	10.8	0.	107.2	106.6	2485.	3017.5	SI'
S8	103.5	10.8	0.	104.1	103.5	2485.	3017.5	SI'
S10	105.	.8	0.	105.	105.	2485.	3017.5	SI'
S11	99.8	.8	0.	99.8	99.8	2485.	3017.5	SI'
S12	118.9	.8	0.	118.9	118.9	2485.	3017.5	SI'
S13	58.1	.8	0.	58.1	58.1	2485.	3017.5	SI'
S14	77.2	.8	0.	77.3	77.2	2485.	3017.5	SI'
S15	167.7	10.8	0.	168.	167.7	2485.	3017.5	SI'
S16	169.4	10.8	0.	169.8	169.4	2485.	3017.5	SI'
S17	141.6	10.8	0.	142.	141.6	2485.	3017.5	SI'
S18	139.9	10.8	0.	140.3	139.9	2485.	3017.5	SI'
S20	119.4	.8	0.	119.4	119.4	2485.	3017.5	SI'
S21	72.5	.8	0.	72.5	72.5	2485.	3017.5	SI'
S22	91.7	.8	0.	91.7	91.7	2485.	3017.5	SI'
S23	114.2	.8	0.	114.2	114.2	2485.	3017.5	SI'
S24	133.3	.8	0.	133.3	133.3	2485.	3017.5	SI'
S25	157.3	10.8	0.	157.6	157.3	2485.	3017.5	SI'
S26	155.5	10.8	0.	155.9	155.5	2485.	3017.5	SI'
S27	183.3	10.8	0.	183.6	183.3	2485.	3017.5	SI'
S28	185.	10.8	0.	185.4	185.	2485.	3017.5	SI'
S29	0.	506.4	4.7	506.4	4.7	2485.	3017.5	SI'
S30	120.	385.9	4.7	404.1	124.7	2485.	3017.5	SI'
S31	0.	582.3	4.7	582.3	4.7	2485.	3017.5	SI'
S32	143.6	143.4	4.7	203.	148.3	2485.	3017.5	SI'
S33	143.6	143.4	0.	202.9	143.6	2485.	3017.5	SI'
S34	143.6	143.4	231.9	308.2	375.5	2485.	3017.5	SI'
S35	143.6	143.4	0.	202.9	143.6	2485.	3017.5	SI'
S36	0.	430.2	231.9	488.7	231.9	2485.	3017.5	SI'
S37	120.	385.9	231.9	465.9	351.9	2485.	3017.5	SI'
S38	0.	658.5	231.9	698.2	231.9	2485.	3017.5	SI'
S39	120.	385.9	0.	404.1	120.	2485.	3017.5	SI'
S40	120.	385.9	0.	404.1	120.	2485.	3017.5	SI'

Verifica piastra

Smax	fd	Ver
1849.3	3381.	SI'

Verifica nervature

Posizione	Smax	fd	Ver
Z	1483.1	3381.	SI'
Y	924.1	3381.	SI'

Verifica pressione sul calcestruzzo

Smax	fcd	Ver
71.3	141.1	SI'

NODO VERIFICATO IN BASE ALLA COMB. DI SOLLECITAZIONI AGENTI Caso 12 As. 1501 Nd. 828

Combinazione di sollecitazioni agenti Caso 7 As. 1501 Nd. 828

N: -20122.8 Ty: 5061.9 Tz: 3546.3
Mt: 0 My: 747579 Mz: -1249640

Verifica tirafondi

Co-1, Co-2: NTC 2008, 4.2.8.1.1 formula (4.2.65)

Co-3: Ft,Ed / Tad,Rd

Num	Fv,Ed	Fv,Rd	Fb,Rd	Ft,Ed	Ft,Rd	Bp,Rd	Tad,Rd	Co-1	Co-2	Co-3	Ver
1	772.6	11635.2	27129.1	476.4	17452.8	63447.6	7935.6	.09	.03	.06	SI'
2	772.6	11635.2	27129.1	-2210.2	17452.8	63447.6	7935.6	.07	.13	.28	SI'
3	772.6	11635.2	27129.1	5788.4	17452.8	63447.6	7935.6	.3	.33	.73	SI'
4	772.6	11635.2	27129.1	3101.8	17452.8	63447.6	7935.6	.19	.18	.39	SI'
5	772.6	11635.2	43087.4	3132.4	17452.8	63447.6	7935.6	.19	.18	.39	SI'
6	772.6	11635.2	43087.4	445.8	17452.8	63447.6	7935.6	.08	.03	.06	SI'
7	772.6	11635.2	27703.7	4445.1	17452.8	63447.6	7935.6	.25	.25	.56	SI'
8	772.6	11635.2	27703.7	-866.9	17452.8	63447.6	7935.6	.07	.05	.11	SI'

Verifica saldature

SEq-1, SLim-1: NTC 2008, 4.2.8.2.4 formula (4.2.78)

SEq-2, SLim-2: NTC 2008, 4.2.8.2.4 formula (4.2.79)

Nome	S_prp	Tau_pa	Tau_pe	SEq-1	SEq-2	SLim-1	SLim-2	Ver
S1	112.4	16.2	0.	113.5	112.4	2485.	3017.5	SI'
S2	116.6	12.4	0.	117.3	116.6	2485.	3017.5	SI'
S3	230.5	12.4	0.	230.8	230.5	2485.	3017.5	SI'

Copertura area carburante - Relazione di calcolo

S4|	205.5|	12.4|	0.|	205.9|	205.5|	2485.|	3017.5|SI'|
S5|	125.1|	16.2|	0.|	126.1|	125.1|	2485.|	3017.5|SI'|
S6|	49.4|	12.4|	0.|	50.9|	49.4|	2485.|	3017.5|SI'|
S7|	163.3|	12.4|	0.|	163.7|	163.3|	2485.|	3017.5|SI'|
S8|	138.3|	12.4|	0.|	138.9|	138.3|	2485.|	3017.5|SI'|
S10|	224.7|	16.2|	0.|	225.3|	224.7|	2485.|	3017.5|SI'|
S11|	320.2|	16.2|	0.|	320.6|	320.2|	2485.|	3017.5|SI'|
S12|	336.7|	16.2|	0.|	337.1|	336.7|	2485.|	3017.5|SI'|
S13|	114.1|	16.2|	0.|	115.2|	114.1|	2485.|	3017.5|SI'|
S14|	97.5|	16.2|	0.|	98.8|	97.5|	2485.|	3017.5|SI'|
S15|	274.6|	12.4|	0.|	274.9|	274.6|	2485.|	3017.5|SI'|
S16|	288.6|	12.4|	0.|	288.9|	288.6|	2485.|	3017.5|SI'|
S17|	64.5|	12.4|	0.|	65.6|	64.5|	2485.|	3017.5|SI'|
S18|	50.5|	12.4|	0.|	52.|	50.5|	2485.|	3017.5|SI'|
S20|	157.5|	16.2|	0.|	158.3|	157.5|	2485.|	3017.5|SI'|
S21|	181.3|	16.2|	0.|	182.|	181.3|	2485.|	3017.5|SI'|
S22|	164.7|	16.2|	0.|	165.5|	164.7|	2485.|	3017.5|SI'|
S23|	253.|	16.2|	0.|	253.5|	253.|	2485.|	3017.5|SI'|
S24|	269.5|	16.2|	0.|	270.|	269.5|	2485.|	3017.5|SI'|
S25|	51.1|	12.4|	0.|	52.6|	51.1|	2485.|	3017.5|SI'|
S26|	65.1|	12.4|	0.|	66.3|	65.1|	2485.|	3017.5|SI'|
S27|	217.3|	12.4|	0.|	217.6|	217.3|	2485.|	3017.5|SI'|
S28|	231.3|	12.4|	0.|	231.6|	231.3|	2485.|	3017.5|SI'|
S29|	0.|	322.6|	116.3|	342.9|	116.3|	2485.|	3017.5|SI'|
S30|	101.4|	246.|	116.3|	290.4|	217.7|	2485.|	3017.5|SI'|
S31|	0.|	1259.|	116.3|	1264.3|	116.3|	2485.|	3017.5|SI'|
S32|	149.2|	1143.6|	116.3|	1159.1|	265.6|	2485.|	3017.5|SI'|
S33|	149.2|	1143.6|	0.|	1153.3|	149.2|	2485.|	3017.5|SI'|
S34|	149.2|	1143.6|	305.1|	1193.|	454.4|	2485.|	3017.5|SI'|
S35|	149.2|	1143.6|	0.|	1153.3|	149.2|	2485.|	3017.5|SI'|
S36|	0.|	24.1|	305.1|	306.1|	305.1|	2485.|	3017.5|SI'|
S37|	101.4|	286.1|	305.1|	430.4|	406.5|	2485.|	3017.5|SI'|
S38|	0.|	912.3|	305.1|	962.|	305.1|	2485.|	3017.5|SI'|
S39|	101.4|	246.|	0.|	266.1|	101.4|	2485.|	3017.5|SI'|
S40|	101.4|	246.|	0.|	266.1|	101.4|	2485.|	3017.5|SI'|

Verifica piastra

Smax|	fd|Ver|
2815.3|	3381.|SI'|

Verifica nervature

Posizione|	Smax|	fd|Ver|
Z	2447.5|	3381.|SI'|
Y	2815.3|	3381.|SI'|

Verifica pressione sul calcestruzzo

Smax|	fcd|Ver|
139.3|	141.1|SI'|

NODO VERIFICATO IN BASE ALLA COMB. DI SOLLECITAZIONI AGENTI Caso 7 As. 1501 Nd. 828

Combinazione di sollecitazioni agenti Caso 11 As. 1506 Nd. 833

N: -7160.2	Ty: -4840.7	Tz: 1496.2
Mt: 0	My: 340004	Mz: 1424778

Verifica tirafondi

Co-1, Co-2: NTC 2008, 4.2.8.1.1 formula (4.2.65)

Co-3: Ft,Ed / Tad,Rd

Num|	Fv,Ed|	Fv,Rd|	Fb,Rd|	Ft,Ed|	Ft,Rd|	Bp,Rd|	Tad,Rd|	Co-1|	Co-2|	Co-3|	Ver|
1	633.3|11635.2|27129.1|	7392.|17452.8|63447.6|					7935.6|	.36|	.42|	.93|	SI'|
2	633.3|11635.2|27129.1|	6076.3|17452.8|63447.6|					7935.6|	.3|	.35|	.77|	SI'|
3	633.3|11635.2|27129.1|	-452.8|17452.8|63447.6|					7935.6|	.05|	.03|	.06|	SI'|
4	633.3|11635.2|27129.1|	-1768.6|17452.8|63447.6|					7935.6|	.05|	.1|	.22|	SI'|
5	633.3|11635.2|43087.4|	3469.6|17452.8|63447.6|					7935.6|	.2|	.2|	.44|	SI'|
6	633.3|11635.2|43087.4|	2153.8|17452.8|63447.6|					7935.6|	.14|	.12|	.27|	SI'|
7	633.3|11635.2|27703.7|	-1110.7|17452.8|63447.6|					7935.6|	.05|	.06|	.14|	SI'|
8	633.3|11635.2|27703.7|	6734.1|17452.8|63447.6|					7935.6|	.33|	.39|	.85|	SI'|

Verifica saldature

SEq-1, SLim-1: NTC 2008, 4.2.8.2.4 formula (4.2.78)

SEq-2, SLim-2: NTC 2008, 4.2.8.2.4 formula (4.2.79)

Nome|	S_prp|	Tau_pa|	Tau_pe|	SEq-1|	SEq-2|	SLim-1|	SLim-2|	Ver|
S1|	106.1|	15.5|	0.|	107.2|	106.1|	2485.|	3017.5|	SI'|
S2|	134.1|	5.2|	0.|	134.2|	134.1|	2485.|	3017.5|	SI'|
S3|	162.6|	5.2|	0.|	162.7|	162.6|	2485.|	3017.5|	SI'|
S4|	93.7|	5.2|	0.|	93.8|	93.7|	2485.|	3017.5|	SI'|
S5|	111.9|	15.5|	0.|	112.9|	111.9|	2485.|	3017.5|	SI'|
S6|	158.|	5.2|	0.|	158.1|	158.|	2485.|	3017.5|	SI'|
S7|	186.5|	5.2|	0.|	186.6|	186.5|	2485.|	3017.5|	SI'|
S8|	117.6|	5.2|	0.|	117.7|	117.6|	2485.|	3017.5|	SI'|
S10|	170.9|	15.5|	0.|	171.6|	170.9|	2485.|	3017.5|	SI'|
S11|	204.|	15.5|	0.|	204.6|	204.|	2485.|	3017.5|	SI'|
S12|	196.5|	15.5|	0.|	197.1|	196.5|	2485.|	3017.5|	SI'|
S13|	291.1|	15.5|	0.|	291.5|	291.1|	2485.|	3017.5|	SI'|
S14|	298.6|	15.5|	0.|	299.|	298.6|	2485.|	3017.5|	SI'|
S15|	64.6|	5.2|	0.|	64.8|	64.6|	2485.|	3017.5|	SI'|
S16|	80.6|	5.2|	0.|	80.8|	80.6|	2485.|	3017.5|	SI'|
S17|	201.5|	5.2|	0.|	201.5|	201.5|	2485.|	3017.5|	SI'|
S18|	217.4|	5.2|	0.|	217.5|	217.4|	2485.|	3017.5|	SI'|
S20|	146.9|	15.5|	0.|	147.8|	146.9|	2485.|	3017.5|	SI'|
S21|	267.2|	15.5|	0.|	267.6|	267.2|	2485.|	3017.5|	SI'|
S22|	274.7|	15.5|	0.|	275.2|	274.7|	2485.|	3017.5|	SI'|
S23|	227.9|	15.5|	0.|	228.5|	227.9|	2485.|	3017.5|	SI'|
S24|	220.4|	15.5|	0.|	220.9|	220.4|	2485.|	3017.5|	SI'|
S25|	166.3|	5.2|	0.|	166.3|	166.3|	2485.|	3017.5|	SI'|
S26|	182.2|	5.2|	0.|	182.3|	182.2|	2485.|	3017.5|	SI'|
S27|	99.8|	5.2|	0.|	100.|	99.8|	2485.|	3017.5|	SI'|
S28|	115.8|	5.2|	0.|	115.9|	115.8|	2485.|	3017.5|	SI'|
S29|	0.|	851.1|	137.7|	862.1|	137.7|	2485.|	3017.5|	SI'|

Copertura area carburante - Relazione di calcolo

S30|	92.3|	671.2|	137.7|	691.4|	230. |	2485. |	3017.5|SI'|
S31|	0. |	421.7|	137.7|	443.6|	137.7|	2485. |	3017.5|SI'|
S32|	18.9|	891.5|	137.7|	902.3|	156.6|	2485. |	3017.5|SI'|
S33|	18.9|	891.5|	0. |	891.7|	18.9|	2485. |	3017.5|SI'|
S34|	18.9|	891.5|	775.3|	1181.7|	794.2|	2485. |	3017.5|SI'|
S35|	18.9|	891.5|	0. |	891.7|	18.9|	2485. |	3017.5|SI'|
S36|	0. |	977.6|	775.3|	1247.7|	775.3|	2485. |	3017.5|SI'|
S37|	92.3|	671.2|	775.3|	1029.7|	867.7|	2485. |	3017.5|SI'|
S38|	0. |	548.3|	775.3|	949.6|	775.3|	2485. |	3017.5|SI'|
S39|	92.3|	671.2|	0. |	677.6|	92.3|	2485. |	3017.5|SI'|
S40|	92.3|	671.2|	0. |	677.6|	92.3|	2485. |	3017.5|SI'|

Verifica piastra

Smax| fd|Ver|
2923.2| 3381. |SI'|

Verifica nervature

Posizione| Smax| fd|Ver|
Z | 1878.7| 3381. |SI'|
Y | 2429.4| 3381. |SI'|

Verifica pressione sul calcestruzzo

Smax| fcd|Ver|
121.3| 141.1|SI'|

NODO VERIFICATO IN BASE ALLA COMB. DI SOLLECITAZIONI AGENTI Caso 11 As. 1506 Nd. 833

Combinazione di sollecitazioni agenti Caso 11 As. 1501 Nd. 828

N: -6724.7 Ty: 5041.4 Tz: -543.2
Mt: 0 My: -197836 Mz: -1467089

Verifica tirafondi

Co-1, Co-2: NTC 2008, 4.2.8.1.1 formula (4.2.65)

Co-3: Ft,Ed / Tad,Rd

Num|	Fv,Ed|	Fv,Rd|	Fb,Rd|	Ft,Ed|	Ft,Rd|	Bp,Rd|	Tad,Rd|	Co-1|	Co-2|	Co-3|	Ver|
1 |	633.8|	11635.2|	27129.1|	-1550.4|	17452.8|	63447.6|	7935.6|	.05|	.09|	.2|	SI'|
2 |	633.8|	11635.2|	27129.1|	-789.8|	17452.8|	63447.6|	7935.6|	.05|	.05|	.1|	SI'|
3 |	633.8|	11635.2|	27129.1|	6600.8|	17452.8|	63447.6|	7935.6|	.32|	.38|	.83|	SI'|
4 |	633.8|	11635.2|	27129.1|	7361.3|	17452.8|	63447.6|	7935.6|	.36|	.42|	.93|	SI'|
5 |	633.8|	11635.2|	43087.4|	2525.2|	17452.8|	63447.6|	7935.6|	.16|	.14|	.32|	SI'|
6 |	633.8|	11635.2|	43087.4|	3285.7|	17452.8|	63447.6|	7935.6|	.19|	.19|	.41|	SI'|
7 |	633.8|	11635.2|	27703.7|	6981. |	17452.8|	63447.6|	7935.6|	.34|	.4|	.88|	SI'|
8 |	633.8|	11635.2|	27703.7|	-1170.1|	17452.8|	63447.6|	7935.6|	.05|	.07|	.15|	SI'|

Verifica saldature

SEq-1, SLim-1: NTC 2008, 4.2.8.2.4 formula (4.2.78)

SEq-2, SLim-2: NTC 2008, 4.2.8.2.4 formula (4.2.79)

Nome|	S_prp|	Tau_pa|	Tau_pe|	SEq-1|	SEq-2|	SLim-1|	SLim-2|	Ver|
S1|	112.8|	16.2|	0. |	114. |	112.8|	2485. |	3017.5|SI'|	
S2|	146.8|	1.9|	0. |	146.8|	146.8|	2485. |	3017.5|SI'|	
S3|	176.1|	1.9|	0. |	176.1|	176.1|	2485. |	3017.5|SI'|	
S4|	123.3|	1.9|	0. |	123.3|	123.3|	2485. |	3017.5|SI'|	
S5|	109.5|	16.2|	0. |	110.6|	109.5|	2485. |	3017.5|SI'|	
S6|	124.3|	1.9|	0. |	124.4|	124.3|	2485. |	3017.5|SI'|	
S7|	153.7|	1.9|	0. |	153.7|	153.7|	2485. |	3017.5|SI'|	
S8|	100.8|	1.9|	0. |	100.8|	100.8|	2485. |	3017.5|SI'|	
S10|	134.9|	16.2|	0. |	135.8|	134.9|	2485. |	3017.5|SI'|	
S11|	247.8|	16.2|	0. |	248.3|	247.8|	2485. |	3017.5|SI'|	
S12|	243.4|	16.2|	0. |	243.9|	243.4|	2485. |	3017.5|SI'|	
S13|	262.1|	16.2|	0. |	262.5|	262.1|	2485. |	3017.5|SI'|	
S14|	266.4|	16.2|	0. |	266.9|	266.4|	2485. |	3017.5|SI'|	
S15|	106.9|	1.9|	0. |	106.9|	106.9|	2485. |	3017.5|SI'|	
S16|	123.3|	1.9|	0. |	123.4|	123.3|	2485. |	3017.5|SI'|	
S17|	155.2|	1.9|	0. |	155.2|	155.2|	2485. |	3017.5|SI'|	
S18|	171.7|	1.9|	0. |	171.7|	171.7|	2485. |	3017.5|SI'|	
S20|	157.3|	16.2|	0. |	158.2|	157.3|	2485. |	3017.5|SI'|	
S21|	284.5|	16.2|	0. |	285. |	284.5|	2485. |	3017.5|SI'|	
S22|	288.9|	16.2|	0. |	289.4|	288.9|	2485. |	3017.5|SI'|	
S23|	225.3|	16.2|	0. |	225.9|	225.3|	2485. |	3017.5|SI'|	
S24|	220.9|	16.2|	0. |	221.5|	220.9|	2485. |	3017.5|SI'|	
S25|	166. |	1.9|	0. |	166. |	166. |	2485. |	3017.5|SI'|	
S26|	182.5|	1.9|	0. |	182.5|	182.5|	2485. |	3017.5|SI'|	
S27|	96.1|	1.9|	0. |	96.1|	96.1|	2485. |	3017.5|SI'|	
S28|	112.5|	1.9|	0. |	112.5|	112.5|	2485. |	3017.5|SI'|	
S29|	0. |	904.8|	182.7|	923. |	182.7|	2485. |	3017.5|SI'|	
S30|	14.7|	726.7|	182.7|	749.4|	197.4|	2485. |	3017.5|SI'|	
S31|	0. |	654.9|	182.7|	679.9|	182.7|	2485. |	3017.5|SI'|	
S32|	77.4|	635.1|	182.7|	665.4|	260.1|	2485. |	3017.5|SI'|	
S33|	77.4|	635.1|	0. |	639.8|	77.4|	2485. |	3017.5|SI'|	
S34|	77.4|	635.1|	378.5|	743.4|	455.9|	2485. |	3017.5|SI'|	
S35|	77.4|	635.1|	0. |	639.8|	77.4|	2485. |	3017.5|SI'|	
S36|	0. |	785.9|	378.5|	872.3|	378.5|	2485. |	3017.5|SI'|	
S37|	14.7|	726.7|	378.5|	819.5|	393.2|	2485. |	3017.5|SI'|	
S38|	0. |	536.1|	378.5|	656.2|	378.5|	2485. |	3017.5|SI'|	
S39|	14.7|	726.7|	0. |	726.8|	14.7|	2485. |	3017.5|SI'|	
S40|	14.7|	726.7|	0. |	726.8|	14.7|	2485. |	3017.5|SI'|	

Verifica piastra

Smax| fd|Ver|
2731.5| 3381. |SI'|

Verifica nervature

Posizione| Smax| fd|Ver|
Z | 1500.4| 3381. |SI'|
Y | 2036.6| 3381. |SI'|

Verifica pressione sul calcestruzzo

Smax| fcd|Ver|
109.5| 141.1|SI'|

NODO VERIFICATO IN BASE ALLA COMB. DI SOLLECITAZIONI AGENTI Caso 11 As. 1501 Nd. 828

Combinazione di sollecitazioni agenti Caso 1 As. 1506 Nd. 833

N: -12346.1 Ty: -1847.5 Tz: 2831.8
Mt: 0 My: 626565 Mz: 404427

Verifica tirafondi

Co-1, Co-2: NTC 2008, 4.2.8.1.1 formula (4.2.65)

Co-3: Ft,Ed / Tad,Rd

Num	Fv,Ed	Fv,Rd	Fb,Rd	Ft,Ed	Ft,Rd	Bp,Rd	Tad,Rd	Co-1	Co-2	Co-3	Ver
1	422.6	11635.2	27129.1	2825.1	17452.8	63447.6	7935.6	.15	.16	.36	SI'
2	422.6	11635.2	27129.1	146.2	17452.8	63447.6	7935.6	.04	.01	.02	SI'
3	422.6	11635.2	27129.1	1549.2	17452.8	63447.6	7935.6	.1	.09	.2	SI'
4	422.6	11635.2	27129.1	-1129.7	17452.8	63447.6	7935.6	.04	.06	.14	SI'
5	422.6	11635.2	43087.4	2187.1	17452.8	63447.6	7935.6	.13	.13	.28	SI'
6	422.6	11635.2	43087.4	-491.8	17452.8	63447.6	7935.6	.04	.03	.06	SI'
7	422.6	11635.2	27703.7	209.7	17452.8	63447.6	7935.6	.04	.01	.03	SI'
8	422.6	11635.2	27703.7	1485.6	17452.8	63447.6	7935.6	.1	.09	.19	SI'

Verifica saldature

SEq-1, SLim-1: NTC 2008, 4.2.8.2.4 formula (4.2.78)

SEq-2, SLim-2: NTC 2008, 4.2.8.2.4 formula (4.2.79)

Nome	S prp	Tau pal	Tau pe	SEq-1	SEq-2	SLim-1	SLim-2	Ver
S1	42.8	5.9	0	43.2	42.8	2485	3017.5	SI'
S2	72.5	9.9	0	73.2	72.5	2485	3017.5	SI'
S3	80.6	9.9	0	81.2	80.6	2485	3017.5	SI'
S4	49.6	9.9	0	50.6	49.6	2485	3017.5	SI'
S5	53.5	5.9	0	53.8	53.5	2485	3017.5	SI'
S6	113.7	9.9	0	114.2	113.7	2485	3017.5	SI'
S7	121.8	9.9	0	122.2	121.8	2485	3017.5	SI'
S8	39.2	9.9	0	40.5	39.2	2485	3017.5	SI'
S10	126.7	5.9	0	126.9	126.7	2485	3017.5	SI'
S11	40.3	5.9	0	40.7	40.3	2485	3017.5	SI'
S12	54.2	5.9	0	54.5	54.2	2485	3017.5	SI'
S13	149.1	5.9	0	149.2	149.1	2485	3017.5	SI'
S14	163	5.9	0	163.1	163	2485	3017.5	SI'
S15	106.3	9.9	0	106.7	106.3	2485	3017.5	SI'
S16	101.8	9.9	0	102.2	101.8	2485	3017.5	SI'
S17	174.3	9.9	0	174.6	174.3	2485	3017.5	SI'
S18	178.8	9.9	0	179.1	178.8	2485	3017.5	SI'
S20	85.5	5.9	0	85.7	85.5	2485	3017.5	SI'
S21	107.8	5.9	0	108	107.8	2485	3017.5	SI'
S22	121.7	5.9	0	121.9	121.7	2485	3017.5	SI'
S23	32.7	5.9	0	33.2	32.7	2485	3017.5	SI'
S24	18.8	5.9	0	19.7	18.8	2485	3017.5	SI'
S25	129.9	9.9	0	130.2	129.9	2485	3017.5	SI'
S26	134.4	9.9	0	134.7	134.4	2485	3017.5	SI'
S27	61.8	9.9	0	62.6	61.8	2485	3017.5	SI'
S28	57.3	9.9	0	58.2	57.3	2485	3017.5	SI'
S29	0	487.1	51.8	489.8	51.8	2485	3017.5	SI'
S30	71.4	185.1	51.8	205.1	123.2	2485	3017.5	SI'
S31	0	299	51.8	303.5	51.8	2485	3017.5	SI'
S32	169.3	617.4	51.8	642.3	221.1	2485	3017.5	SI'
S33	169.3	617.4	0	640.2	169.3	2485	3017.5	SI'
S34	169.3	617.4	170.5	662.5	339.9	2485	3017.5	SI'
S35	169.3	617.4	0	640.2	169.3	2485	3017.5	SI'
S36	0	700.1	170.5	720.6	170.5	2485	3017.5	SI'
S37	71.4	185.1	170.5	261.7	242	2485	3017.5	SI'
S38	0	86.1	170.5	191	170.5	2485	3017.5	SI'
S39	71.4	185.1	0	198.4	71.4	2485	3017.5	SI'
S40	71.4	185.1	0	198.4	71.4	2485	3017.5	SI'

Verifica piastra

Smax | fd | Ver |
1502.8 | 3381 | SI'

Verifica nervature

Posizione | Smax | fd | Ver |
Z | 1502.8 | 3381 | SI' |
Y | 1448 | 3381 | SI' |

Verifica pressione sul calcestruzzo

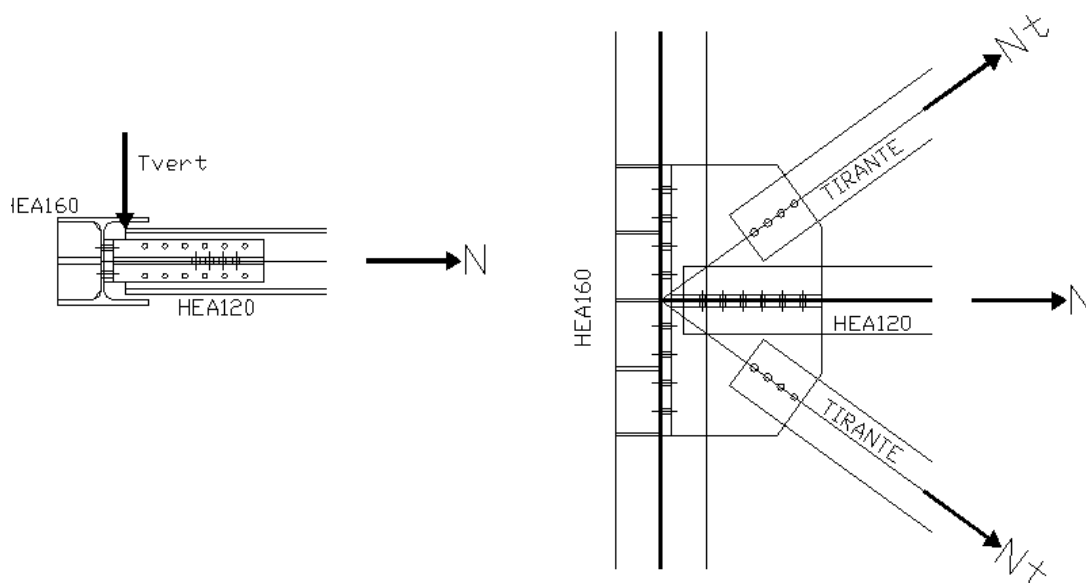
Smax | fcd | Ver |
71.1 | 141.1 | SI'

NODO VERIFICATO IN BASE ALLA COMB. DI SOLLECITAZIONI AGENTI Caso 1 As. 1506 Nd. 833

12.2 Verifica dei nodi imbullonati

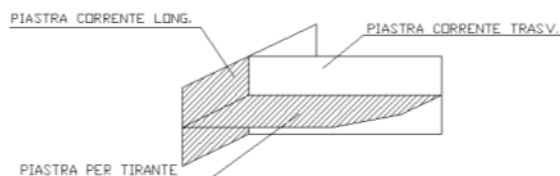
12.2.1 Corrente inferiore della reticolare trasversale su reticolare longitudinale

Si riportano le verifiche del nodo in cui il corrente inferiore della reticolare trasversale si innesta sul corrente inferiore della reticolare longitudinale. Su tale nodo convergono anche i tiranti. La denominazione delle sollecitazioni agenti alle quali si fa riferimento nei fogli di calcolo è riportata nelle figure seguenti.



Il calcolo è condotto secondo le seguenti posizioni:

- per la verifica a rifollamento si considera, a favore di sicurezza, il minore tra lo spessore dell'anima della trave in oggetto e lo spessore delle relative piastre;
- il taglio di calcolo nei bulloni della trave principale si compone di una quota dovuta a N_t e una quota dovuta a T_{vert} composte facendone la somma vettoriale (risulta quindi inclinato di un certo angolo nel piano verticale. La trazione nei bulloni è invece data da $N/2$ a cui si somma la quota relativa a N_t più altre due quote relative ai momenti dati da T_{vert} , ipotizzata come applicata all'estremo della piastra relativa alla trave trasversale più lontano dal nodo e dal momento prodotta da $N/2$ applicata all'estremo più lontano dal nodo della piastra parallela alla trave longitudinale;
- il taglio nella connessione della trave trasversale è data dalla risultante di due componenti, la prima pari a $N/2$ e la seconda pari a T_{vert} (se ne fa la radice quadrata della somma dei quadrati);
- la verifica "trave principale come ala di trave a T" verifica le tensioni nella piastra imbullonata all'anima del corrente della trave longitudinale considerata come l'ala di una trave a T formata dalla piastra stessa e dalla piastra su cui si innesta il tirante (nella figura seguente è evidenziata in tratteggio la trave a T):



Le sollecitazioni all'incastro tra ala e asse anima sono costituite dal taglio, pari alla forza di trazione massima nei bulloni della piastra (ala), e il momento, pari al prodotto tra taglio (trazione nel bullone) e distanza tra asse foro del bullone e anima piastra del tirante (anima). La sezione resistente è valutata come il prodotto tra lo spessore della piastra e una lunghezza ottenuta diffondendo l'azione agente a 45° fino all'asse della piastra del tirante (anima).

- la verifica “piastra per tirante come anima di trave a T” utilizza lo schema descritto al punto precedente ma calcolando le sollecitazioni sulla piastra del tirante (anima della trave a T). Le sollecitazioni agenti sono date dal taglio, pari alla somma delle trazioni sui bulloni relativi alla trave della reticolare longitudinale, dalla trazione, pari alla somma dei tagli sui bulloni della reticolare longitudinale e dal momento, dato dalla somma dei momenti che trazione e taglio appena descritti applicano sul baricentro della sezione resistente data dallo spessore della piastra del tirante e la lunghezza della piastra del tirante misurata parallelamente alla trave della reticolare trasversale.
- la verifica “trave secondaria” analizza lo stato di sollecitazione agente sulle piastre collegate all’anima della trave trasversale. La trazione è pari a N/2 e il taglio è pari a Tvert/2 (N e Tvert sono riportati nella figura a inizio paragrafo). Si considera anche un momento parassita dato dal taglio N/2 per un braccio pari a metà della lunghezza della piastra. Il calcolo della tensione di trazione tiene conto della presenza dei fori.
- la verifica “piastra per tirante” verifica le tensioni nella piastra di connessione del tirante. L’area resistente è data dallo spessore della piastra moltiplicata per una larghezza data forfaitariamente, e a favore di sicurezza, dalla radice quadrata della somma dei quadrati delle lunghezze dei lati saldati alle piastre verticali divisa per un fattore pari a 4 e depurata dalla presenza di una fila di fori. La trazione è data da Nt rappresentata nella figura di inizio paragrafo.

RETICOLARE TRASVERSALE CORRENTE INFERIORE HEA120 SU TRAVE RETICOLARE LONGITUDINALE

ASTA 1155
NODO
CASO SLU VENTOX 2 verifica ok F_{Smin} = 1.32

N	4458	daN	
T _{vert}	84	daN	
N _t	9636	daN	
T _{tot}	10618	daN	
t _w trave principale	6	mm	spessore anima trave HEA160
t _w trave secondaria	5	mm	spessore anima trave HEA120
t _w tirante	8	mm	spessore del tirante
f _{tb}	800	N/mm ²	resistenza dei bulloni
γ _{M2}	1.25		fattore di sicurezza
h massima disponibile piastra (h)	74	mm	altezza netta della trave di altezza minore depurata dallo spessore delle ali e delle zone di raccordo circolari tra anima e piattabande
angolo medio tirante (∠)	45	°	angolo tra l'asse del tirante e trave principale misurato nel piano del tirante
toleranza angolo medio tirante (Δ∠)	10	°	variazione dell'angolo del tirante - nel calcolo si assume la condizione peggiore tra α+Δα e α-Δα
f _{yk}	355	N/mm ²	tensione caratteristica di snervamento dell'acciaio
f _{tk}	510	N/mm ²	tensione caratteristica di rottura dell'acciaio

	per il significato di dm si veda NTC08 4.2.6.4		spessore della piastra connessa alla relativa trave o al tirante		diametro dei bulloni		n° di colonne e file di bulloni su ogni piastra; le file sono in direzione parallela all'asse longitudinale degli elementi strutturali		minimi				effettivi				Lmin è la minima lunghezza necessaria alla piastra per inserire le colonne di bulloni previste; Leff è quella effettiva che deve essere ≥ Lmin		verifica se Leff ≥ Lmin		verifica che il n° di file (e di e2 e p2) sia coerente con h
	dm [mm]	sp [mm]	D bulloni [mm]	n° colonne	n° file	p1 [mm]	e1 [mm]	p2 [mm]	e2 [mm]	p1 [mm]	e1 [mm]	p2 [mm]	e2 [mm]	Lmin [mm]	Leff [mm]	Leff-Lmin [mm]	heff-h [mm]				
trave principale	17	16	10	4	2	24.2	13.2	26.4	13.2	50	42.36	46	14	234.72	234.72	ok	0.0				
trave secondaria	13	10	8	6	2	19.8	10.8	21.6	10.8	35	34	52	11	243	243	ok	0.0				
piastra per tirante	19	12	12	4	1	28.6	15.6	31.2	15.6	29	16	42	16	119	338	ok	/				

	vedere disegno		area resistente al netto della filettatura		verifica bulloni secondo NTC08 4.2.6.5						verifica a punzonamento piastra secondo NTC08 4.2.6.4			verifica a rifollamento secondo NTC08 4.2.6.1			
	taglio [daN]	trazione [daN]	A _{res} [mm ²]	F _{V,Rd} [daN]	F _{V,Ed} [daN]	F _{t,Rd} [daN]	F _{t,Ed} [daN]	verifica bulloni	FS	B _{pld} [daN]	verifica B _{pld}	FS	α	k	F _{b,Rd} [daN]	verifica F _{b,Rd}	FS
trave principale	7893	12310	58.90	2262	987	3393	1539	ok	1.32	7844	ok	5.10	1.00	1.86	4562	ok	4.62
trave secondaria	2231	0	37.70	1448	486	2171	0	ok	2.98	4999	ok	/	1.00	1.72	2811	ok	1.45
piastra per tirante	9636	0	84.82	3257	2409	4886	0	ok	1.35	17535	ok	/	0.41	1.75	4209	ok	1.75

	vedere descrizioni riportate nella prima parte del paragrafo										verifica	
	A _{piastro} [mm ²]	A _{tot,piastro} [mm ²]	A _{res,piastro} [mm ²]	Trazione [daN]	Taglio [daN]	Momento [daNm]	σ _{piastro} [N/mm ²]	τ _{piastro} [N/mm ²]	σ _{ed,piastro} [N/mm ²]	σ _{ed,piastro} [N/mm ²]	FS	FS
piastra trave principale come ala di trave a T	368	0	368	0	1539	26159	227	42	238	ok	1.42	
piastra per tirante come anima di trave a T	2916	0	2916	7893	12310	2403764	34	42	81	ok	4.20	
trave secondaria	740	127	613	2229	42	5103	42	1	42	ok	8.05	
piastra per tirante	1014	133	881	9636	0	0	109	0	109	ok	3.09	

verifica tirante piatto 100x8	L [mm]	p1 [mm]	e1 [mm]	p2 [mm]	e2 [mm]	α	k	F _{b,Rd} [daN]	F _{V,Ed} [daN]	verifica F _{b,Rd}	FS	A _{res} [mm ²]	σ [N/mm ²]	verifica σ	FS
		100	25	30	/	50	0.39	2.50	3829	2409	ok	1.59	686.90	140	ok	2.41

12.2.2 Corrente superiore della reticolare trasversale su reticolare longitudinale

Si riportano le verifiche del nodo in cui il corrente superiore della reticolare trasversale si innesta sul corrente superiore della reticolare longitudinale. Su tale nodo convergono anche i tiranti. La verifica è condotta in analogia al nodo precedente e dunque le ipotesi di calcolo non vengono qui ripetute.

RETICOLARE TRASVERSALE CORRENTE HEB140 SU TRAVE RETICOLARE LONGITUDINALE

ASTA 1110

NODO

CASO SLU VENTROY 2

verifica ok

$F_{Smin} = 1.07$

N	18898	daN	
T_{vert}	239	daN	
N_i	6190	daN	
T_{tot}	19887	daN	
t_w trave principale	6	mm	spessore anima trave HEA160
t_w trave secondaria	7	mm	spessore anima trave HEA120
t_w tirante	8	mm	spessore del tirante
f_{td}	800	N/mm ²	resistenza dei bulloni
γ_{M2}	1.25		fattore di sicurezza
h massima disponibile piastra (h)	92	mm	altezza netta della trave di altezza minore depurata dallo spessore delle ali e delle zone di raccordo circolari tra anima e piattabande
angolo medio tirante (α)	45	°	angolo tra l'asse del tirante e trave principale misurato nel piano del tirante
tolleranza angolo medio tirante ($\Delta\alpha$)	10	°	variazione dell'angolo del tirante - nel calcolo si assume la condizione peggiore tra $\alpha+\Delta\alpha$ e $\alpha-\Delta\alpha$
f_{yk}	355	N/mm ²	tensione caratteristica di snervamento dell'acciaio
f_{tk}	510	N/mm ²	tensione caratteristica di rottura dell'acciaio

	per il significato di dm si veda NTC08 4.2.64	spessore della piastra connessa alla relativa trave o al tirante	diametro dei bulloni	n° di colonne e file di bulloni su ogni piastra; le file sono in direzione parallela all'asse longitudinale degli elementi strutturali	minimi				effettivi				Lmin è la minima lunghezza necessaria alla piastra per inserire le colonne di bulloni previste; Leff è quella effettiva che deve essere $\geq Lmin$	verifica se $Leff \geq Lmin$	verifica che il n° di file (e di e2 e p2) sia coerente con h		
					distanze e interassi minimi dei bulloni; il riferimento normativo è NTC08 4.2.8.1.1				distanze e interassi effettivi dei bulloni; il riferimento normativo è NTC08 4.2.8.1.1								
	dm [mm]	sp [mm]	D bulloni [mm]	n° colonne	n° file	p1 [mm]	e1 [mm]	p2 [mm]	e2 [mm]	p1 [mm]	e1 [mm]	p2 [mm]	e2 [mm]	Lmin [mm]	Leff [mm]	Leff-Lmin [mm]	heff-h [mm]
trave principale	17	18	10	5	2	24.2	13.2	26.4	13.2	50	30	62	15	260	260	ok	0.0
trave secondaria	17	10	10	7	2	24.2	13.2	26.4	13.2	45	50	62	15	370	370	ok	0.0
piastra per tirante	17	12	10	4	1	24.2	13.2	26.4	13.2	25	25	62	15	125	452	ok	/

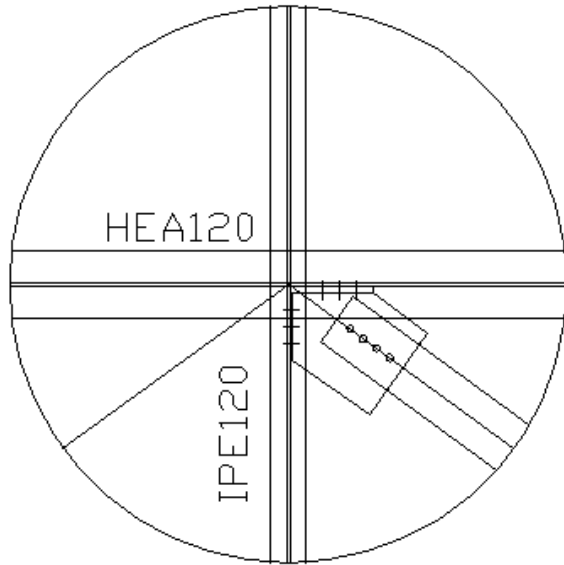
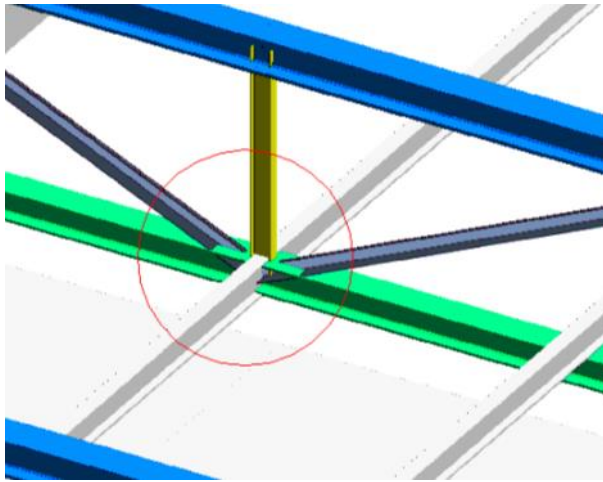
	vedere disegno		area resistente al netto della filettatura		verifica bulloni secondo NTC08 4.2.65				verifica a punzonamento piastra secondo NTC08 4.2.64			verifica a rifollamento secondo NTC08 4.2.61					
	taglio	trazione	A_{res} [mm ²]	$F_{V,Rd}$ [daN]	$F_{V,Ed}$ [daN]	$F_{t,Rd}$ [daN]	$F_{t,Ed}$ [daN]	verifica bulloni	FS	$B_{p,Rd}$ [daN]	verifica $B_{p,Rd}$	FS	α	k	$F_{b,Rd}$ [daN]	verifica $F_{b,Rd}$	FS
trave principale	5072	22088	58.90	2262	507	3393	2209	ok	1.45	7844	ok	3.55	0.91	2.12	4714	ok	9.29
trave secondaria	9452	0	58.90	2262	1412	3393	0	ok	1.60	9152	ok	/	1.00	2.12	6050	ok	1.07
piastra per tirante	6190	0	58.90	2262	1548	3393	0	ok	1.46	15689	ok	/	0.51	2.12	5264	ok	3.40

	vedere descrizioni riportate nella prima parte del paragrafo precedente										verifica
	$A_{piastra}$ [mm ²]	$A_{tot,piastra}$ [mm ²]	$A_{res,piastra}$ [mm ²]	Trazione [daN]	Taglio [daN]	Momento [daNm]	$\sigma_{piastra}$ [N/mm ²]	$\tau_{piastra}$ [N/mm ²]	$\sigma_{ed,piastra}$ [N/mm ²]	FS	
piastra trave principale come ala di trave a T	558	0	558	0	2209	55219	292	40	300	ok	1.13
piastra per tirante come anima di trave a T	4440	0	4440	5072	22088	3809712	16	50	88	ok	3.86
trave secondaria	920	190	730	9449	119.5	22107.5	145	2	145	ok	2.33
piastra per tirante	1357	95	1262	6190	0	0	49	0	49	ok	6.89

verifica tirante piatto 100x8	L [mm]	p1 [mm]	e1 [mm]	p2 [mm]	e2 [mm]	α	k	$F_{b,Rd}$ [daN]	$F_{V,Ed}$ [daN]	verifica $F_{b,Rd}$	FS	A_{res} [mm ²]	σ [N/mm ²]	verifica σ	FS
		100	25	30	/	50	0.51	2.50	4142	1548	ok	2.68	721.46	86	ok	3.94

12.2.3 Tirante/puntone inferiore su reticolare trasversale in presenza di tirante

Si riporta la verifica del nodo tra gli elementi longitudinali inferiori IPE120 e corrente inferiore della reticolare trasversale in presenza del tirante (la figura presa dal modello FEM non evidenzia il tirante ma è riprotata solo per chiarire maggiormente la tipologia del nodo).



Valgono le ipotesi di calcolo dei paragrafi precedenti, quindi N_t è lo sforzo nel tirante, e N e T_{vert} rispettivamente sforzo normale e taglio trasmessi dal profilato IPE120.

TIRANTE/PUNTO INFERIORE SU RETICOLARE TRASVERSALE CORRENTE INFERIORE

ASTA 1909

NODO

CASO SLU VENTROY 2

verifica ok

$F_{Smin} = 1.21$

N	4094	daN	
T_{vert}	20	daN	
N_t	9636	daN	
T_{tot}	10470	daN	
t_w trave principale	5	mm	spessore anima trave HEA160
t_w trave secondaria	4	mm	spessore anima trave HEA120
t_w tirante	8	mm	spessore del tirante
f_{tb}	800	N/mm ²	resistenza dei bulloni
γ_{M2}	1.25		fattore di sicurezza
h massima disponibile piastra (h)	74	mm	altezza netta della trave di altezza minore depurata dallo spessore delle ali e delle zone di raccordo circolari tra anima e piattabande
angolo medio tirante (α)	45	*	angolo tra l'asse del tirante e trave principale misurato nel piano del tirante
tolleranza angolo medio tirante ($\Delta\alpha$)	10	*	variazione dell'angolo del tirante - nel calcolo si assume la condizione peggiore tra $\alpha+\Delta\alpha$ e $\alpha-\Delta\alpha$
f_{yk}	355	N/mm ²	tensione caratteristica di snervamento dell'acciaio
f_{tk}	510	N/mm ²	tensione caratteristica di rottura dell'acciaio

	spessore della piastra connessa alla relativa trave o al tirante		diametro dei bulloni		n° di colonne e file di bulloni su ogni piastra; le file sono in direzione parallela all'asse longitudinale degli elementi strutturali		minimi				effettivi				Lmin è la minima lunghezza necessaria alla piastra per inserire le colonne di bulloni previste; Leff è quella effettiva che deve essere $\geq Lmin$		verifica se $Leff \geq Lmin$		verifica che il n° di file (e di e2 e p2) sia coerente con h
	dm [mm]	sp [mm]	D bulloni [mm]	n° colonne	n° file	p1 [mm]	e1 [mm]	p2 [mm]	e2 [mm]	p1 [mm]	e1 [mm]	p2 [mm]	e2 [mm]	Lmin [mm]	Leff [mm]	Leff-Lmin [mm]	heff-h [mm]		
trave principale	19	14	12	4	2	28.6	15.6	31.2	15.6	30	30	42	16	150	150	ok	0.0		
trave secondaria	13	6	8	3	2	19.8	10.8	21.6	10.8	30	30	52	11	120	120	ok	0.0		
piastra per tirante	19	12	12	4	1	28.6	15.6	31.2	15.6	30	30	42	16	150	192	ok	/		

	vedere disegno		area resistente al netto della filettatura		verifica bulloni secondo NTC08 4.2.65						verifica a punzonamento piastra secondo NTC08 4.2.64			verifica a rifollamento secondo NTC08 4.2.61			
	taglio [daN]	trazione [daN]	A_{res} [mm ²]	$F_{V,Rd}$ [daN]	$F_{V,Ed}$ [daN]	$F_{t,Rd}$ [daN]	$F_{t,Ed}$ [daN]	verifica bulloni	FS	$B_{p,Rd}$ [daN]	$B_{p,Ed}$	FS	α	k	$F_{b,Rd}$ [daN]	verifica $F_{b,Ed}$	FS
trave principale	7893	11703	84.82	3257	987	4886	1463	ok	1.94	7306	ok	4.99	0.52	1.75	2219	ok	2.25
trave secondaria	2047	0	37.70	1448	441	2171	0	ok	3.28	4399	ok	/	0.86	1.72	2130	ok	1.21
piastra per tirante	9636	0	84.82	3257	2409	4886	0	ok	1.35	17535	ok	/	0.52	1.75	5327	ok	2.21

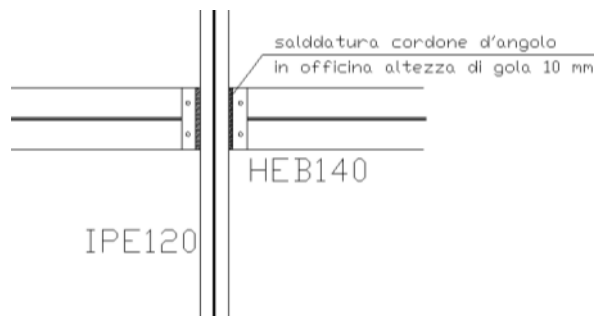
	vedere disegno		area resistente al netto della filettatura		verifica bulloni secondo NTC08 4.2.65						verifica a punzonamento piastra secondo NTC08 4.2.64			verifica a rifollamento secondo NTC08 4.2.61			
	taglio [daN]	trazione [daN]	A_{res} [mm ²]	$F_{V,Rd}$ [daN]	$F_{V,Ed}$ [daN]	$F_{t,Rd}$ [daN]	$F_{t,Ed}$ [daN]	verifica bulloni	FS	$B_{p,Rd}$ [daN]	$B_{p,Ed}$	FS	α	k	$F_{b,Rd}$ [daN]	verifica $F_{b,Ed}$	FS
trave principale	7893	11703	84.82	3257	987	4886	1463	ok	1.94	7306	ok	4.99	0.52	1.75	2219	ok	2.25
trave secondaria	2047	0	37.70	1448	441	2171	0	ok	3.28	4399	ok	/	0.86	1.72	2130	ok	1.21
piastra per tirante	9636	0	84.82	3257	2409	4886	0	ok	1.35	17535	ok	/	0.52	1.75	5327	ok	2.21

vedere descrizioni riportate nella prima parte del paragrafo											
$A_{piastro}$	$A_{fori,piastro}$	$A_{res,piastro}$	Trazione	Taglio	Momento	$\sigma_{piastro}$	$\tau_{piastro}$	$\sigma_{ed,piastro}$	verifica		
[mm ²]	[mm ²]	[mm ²]	[daN]	[daN]	[daNmm]	[N/mm ²]	[N/mm ²]	[N/mm ²]	$\sigma_{ed,piastro}$	FS	
294	0	294	0	1463	21944	249	50	263	ok	1.28	
1440	0	1440	7893	11703	1351351	70	81	157	ok	2.15	
444	127	317	2047	10	600	66	0	66	ok	5.14	
576	133	444	9636	0	0	217	0	217	ok	1.56	

L	p_1	e_1	p_2	e_2	α	k	$F_{b,Rd}$	$F_{v,Ed}$	verifica		A_{res}	σ	verifica	
[mm]	[mm]	[mm]	[mm]	[mm]			[daN]	[daN]	$F_{b,Rd}$	FS	[mm ²]	[N/mm ²]	σ	FS
100	25	30	/	50	0.39	2.50	3829	2409	ok	1.59	686.90	140	ok	2.41

12.2.4 Arcarecci in continuità su trave

Si riporta la verifica dell'attacco dell'arcareccio che passa in continuità sul corrente superiore della reticolare trasversale:



ARCARECCI IPE 120 IN CONTINUITA'

ASTA **1904**

NODO

CASO **SLU VENTOX 2**

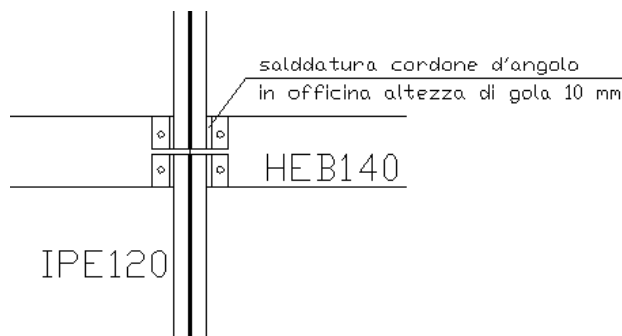
N **3690 daN**
 Tvert **1345 daN**
 Torizz **26 daN**

n° bulloni **4**
 D bulloni **8 mm**
 Ares **37.70 mm²**
 FVRd **1448 daN**
 FVEd **923**

gola **1 cm**
 L gola **10 cm**
 sigma **184.5 daN/cm²**

12.2.5 Arcarecci non in continuità su trave

Si riporta la verifica dell'attacco dell'arcareccio non in continuità sul corrente superiore della reticolare trasversale:



ARCARECCI IPE 120 NON IN CONTINUITA'

ASTA 1904

NODO

CASO SLU VENTOX 2

N 3690 daN
Tvert 1345 daN
Torizz 26 daN

n° bulloni 2
D bulloni 12 mm
Ares 84.82 mm²
FVRd 3257 daN
FVEd 1845

gola 1 cm
L gola 5 cm
sigma 369 daN/cm²

12.2.6 Connessioni sui pilastri e nodi travi reticolari assemblate in officina

Le travi reticolari, assemblate in officina tramite saldatura a completa penetrazione, vengono saldate in opera ai pilastri tramite saldature anch'esse a completa penetrazione. Le mensole presenti sui pilastri hanno solo il compito di agevolare la posa e le operazioni di saldatura. I nodi saldati a completa penetrazione non richiedono verifica specifica.

13. Verifica SLU/SLV travi di fondazione

Si riporta la verifica della trave maggiormente sollecitata.

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VERIFICA TRAVATA IN CEMENTO ARMATO

Nome travata      : 1 - Travata T008 (fondazione)
Metodo di verifica : stati limite (NTC08).
Duttilita'       : non prevista.
Unità di misura   : cm; daN; daN/cm; daNcm; daN/cm2; deform. %.
Unità particolari : fessure [Wk]:mm - ferri:mm e cm2 - sezioni:cm e derivate.
Copriferrì (assi) : longitudinali= 3 ; staffe= 2

MATERIALI

CLS               : Rck =300. ; fck=249. ; fctk= 17.9; fctm= 25.6; Ec= 314472. ;
gc =1.5 ; fcd=141.1; fbd= 26.9; fctd= 11.9; Ecu=.35%
ACCIAIO          : B450C; ftk=5175. ; fyk=4500. ; Es=2100000. ;
gs =1.15; fyd=3913. ; ftd(k*fyd)=4500. ; fud=4439.8; Eud=6.75%

TENSIONI E FESSURE MASSIME IN ESERCIZIO

GRUPPO          : ordinario.
CLS             : Scls(rara)=149.4; Scls(quasi permanente)=112. ; fbd(esercizio)= 26.9
ACCIAIO        : Sacc(rara)=3600. ; Coeff.Omogein.= 15
FESSURE        : Wdmax(fre.)=.4 ; Wdmax(q.p.)=.3 [4.1.2.2.4.5];
                kt=.4 [EN 1992-1 7.3.4].

SEZIONI UTILIZZATE

3) Rettangolare: 240X100; A=24000.; Jg=20000000.; E=314471.6

DESCRIZIONE CAMPATE

Cam. | Descriz. | S.ini|Sez. | S.fin|Incl.|L.assi|L.net.|lambda | K |r.Ar.|lam.max|
1|A2216 | 3| 3| 3| 0| 1544.| 1510.| 15.44 |1. |5. |111.498| 22

CASI DI CARICO DA MODELLO 3D

SLU
Nome Descrizione Sest|
1.|SLU Max Var 1.|
2.|SLU Max Neve 1.|
3.|SLU VENTOX 1 2.|
4.|SLU VENTOX 1 2.|
5.|SLU VENTOX 2 2.|
6.|SLU VENTOX 2 2.|
7.|SLU VENTOX 3 2.|
8.|SLU VENTOX 3 2.|

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Copertura area carburante - Relazione di calcolo

11. |SLU con SISMAX PRINC16|
12. |SLU con SISMAX PRINC16|

RARE		FREQUENTI		QUASI PERMANENTI	
Nome	Descrizione	Sest	Nome	Descrizione	Sest
23.	|Rara	1.	|30.	|Frequente 1	1.
24.	|Rara VentoX 1	2.	|31.	|Frequente 2	1.
25.	|Rara VentoY 1	2.	|32.	|Frequente VentoX 3	2.
26.	|Rara VentoX 2	2.	|33.	|Frequente VentoY 3	2.
27.	|Rara VentoY 2	2.			
28.	|Rara VentoX 3	2.			
29.	|Rara VentoY 3	2.			

VERIFICHE ALLO STATO LIMITE ULTIMO

FLESSIONE:

Progressive	SE	Ar	Msd	Epscl	Epsac	Mrd	Epscl	Epsac	Cam	x/d	Mr/Ms	VE	
>	0.	0.	|3.	|1.	|-1393397.	|-0.04	.015	|-20765857	|-318	|6.75	|2.	.045	|14.9
	0.	0.	|3.	|1.	|1270662.	|-0.003	.013	|20765857	|-318	|6.75	|2.	.045	|16.34
	436.	|436.	|3.	|1.	58528.	|0.	.001	|20765857	|-318	|6.75	|2.	.045	|354.8
	772.	|772.	|3.	|1.	|-3628878.	!-0.01	.038	|-20765857	|-318	|6.75	|2.	.045	|5.722
	1500.	|1500	|3.	|1.	|1327811.	!-0.004	.014	|20765857	|-318	|6.75	|2.	.045	|15.64
	1544.	|1544	|3.	|1.	|-1509199.	|-0.004	.016	|-20765857	|-318	|6.75	|2.	.045	|13.76
	1544.	|1544	|3.	|1.	|1327811.	|-0.004	.014	|20765857	|-318	|6.75	|2.	.045	|15.64

TAGLIO:

Progressive	SE	Vsd	VRd	VRcd	VRsd	Asw	s	ctgT	VE
>	0.	0.	|3.	|-10837.	!71290.	!509712.	!312202.	!12.06	|33.
	1544.	|1544	|3.	11312.	!71290.	!509712.	!312202.	!12.06	|33.

VERIFICHE ALLO STATO LIMITE DI ESERCIZIO

TENSIONI DI ESERCIZIO E FESSURAZIONE - RARE:

Progressive	SE	Ar	Momento	Scls	Sacc	As	hc,ef	Eps%	Sr,max	Wd	VE
>	0.	0.	|3.	|-588789.	|-2.2	130.7	|49.42	7.5	.0037	|104.56	.039
	772.	|772.	|3.	|-2398323.	|-9.	532.3	|49.42	7.5	.0152	|104.56	.159
	1544.	|1544	|3.	|-671363.	|-2.5	149.	|49.42	7.5	.0043	|104.56	.045
	1544.	|1544	|3.	423351.	|-1.6	94.	|49.42	7.5	.0027	|104.56	.028

TENSIONI DI ESERCIZIO E FESSURAZIONE - FREQUENTI:

Progressive	SE	Ar	Momento	Scls	Sacc	As	hc,ef	Eps%	Sr,max	Wd	VE
>	0.	0.	|3.	|-117207.	|-4	26.	|49.42	7.5	.0007	|104.56	.008
	772.	|772.	|3.	|-1080766.	|-4.	239.9	|49.42	7.5	.0069	|104.56	.072
	1544.	|1544	|3.	|-117416.	|-4	26.	|49.42	7.5	.0007	|104.56	.008
	1544.	|1544	|3.	101526.	|-4	22.5	|49.42	7.5	.0006	|104.56	.007

TENSIONI DI ESERCIZIO E FESSURAZIONE - QUASI PERMANENTI:

Progressive	SE	Ar	Momento	Scls	Sacc	As	hc,ef	Eps%	Sr,max	Wd	VE
	17.	|17.	|3.	|-77780.	|-3	17.3	|49.42	7.5	.0005	|104.56	.005
	772.	|772.	|3.	|-897776.	|-3.4	199.2	|49.42	7.5	.0057	|104.56	.06
	1544.	|1544	|3.	|-7945.	0.	1.8	|49.42	7.5	.0001	|104.56	.001

ARMATURE LONGITUDINALI (%=100*Af/Acls - Acls=area intera sezione)

Nro	Totale	% Super.	%	Barre	Infer.	%	Barre
1	|98.83	412	|49.42	.206	|13d22	49.42	.206

14. Verifica a capacità portante

Segue il riassunto dei Casi di calcolo analizzati. I dettagli di ciascun Caso (sollecitazioni, verifiche, ecc.) sono specificati nei paragrafi successivi.

Indici e nomi dei casi di carico		Elenco delle verifiche eseguite per ciascun caso					Sisma
Caso	Nome	Sestetti	Ver. dren.	Ver. non dren.	Ver. equ.	Ver. upl.	Coef. sism.
1	SLU Max Var (SLU Appr.2)	1-1	Si	No	Si	No	Non sismico
1-1 Caso 1-1 Nodo 828							
2	SLU Max Neve (SLU Appr.2)	2-1	Si	No	Si	No	Non sismico
2-1 Caso 2-1 Nodo 828							
3	SLU VENTOX 1 (SLU Appr.2)	3-1	Si	No	Si	No	Non sismico
3-1 Caso 3-1 Nodo 828							
4	SLU VENTOY 1 (SLU Appr.2)	4-1	Si	No	Si	No	Non sismico
4-1 Caso 4-1 Nodo 828							
5	SLU VENTOX 2 (SLU Appr.2)	5-1	Si	No	Si	No	Non sismico
5-1 Caso 5-1 Nodo 828							
6	SLU VENTOY 2 (SLU Appr.2)	6-1	Si	No	Si	No	Non sismico
6-1 Caso 6-1 Nodo 828							
7	SLU VENTOX 3 (SLU Appr.2)	7-1	Si	No	Si	No	Non sismico
7-1 Caso 7-1 Nodo 828							
8	SLU VENTOY 3 (SLU	8-1	Si	No	Si	No	Non sismico

8-1 Caso 8-1 Nodo 828	Appr.2)													
9	SLU con SISMAX PRINC (SLU Appr.2)	9-1	Si	No	Si	No	$k_{h,x}=0.05$, $k_{h,y}=0.01$							
9-1 Caso 11-2 Nodo 828														
10	SLU con SISMAX PRINC (SLU Appr.2)	10-1	Si	No	Si	No	$k_{h,x}=0.01$, $k_{h,y}=0.05$							
10-1 Caso 12-5 Nodo 828														

La seguente tabella elenca i coefficienti di sicurezza parziali, applicati alle caratteristiche meccaniche del terreno, alla capacità portante, alla resistenza a scorrimento e del terreno, per ciascun Caso di calcolo.

Caso	$\gamma_{G1,fav}$	$\gamma_{G1,sfa}$	$\gamma_{G2,fav}$	$\gamma_{G2,sfa}$	$\gamma_{Qi,fav}$	$\gamma_{Qi,sfa}$	γ_{γ}	γ_{ϕ}	γ_c	$\gamma_{R,v}$	$\gamma_{R,h}$	$\gamma_{R,e}$	$\gamma_{R,eqv}$	$\gamma_{R,imp}$
1	1.00	1.30	0.00	1.50	0.00	1.50	1.00	1.00	1.00	2.30	1.10	1.00	-	-
2	1.00	1.30	0.00	1.50	0.00	1.50	1.00	1.00	1.00	2.30	1.10	1.00	-	-
3	1.00	1.30	0.00	1.50	0.00	1.50	1.00	1.00	1.00	2.30	1.10	1.00	-	-
4	1.00	1.30	0.00	1.50	0.00	1.50	1.00	1.00	1.00	2.30	1.10	1.00	-	-
5	1.00	1.30	0.00	1.50	0.00	1.50	1.00	1.00	1.00	2.30	1.10	1.00	-	-
6	1.00	1.30	0.00	1.50	0.00	1.50	1.00	1.00	1.00	2.30	1.10	1.00	-	-
7	1.00	1.30	0.00	1.50	0.00	1.50	1.00	1.00	1.00	2.30	1.10	1.00	-	-
8	1.00	1.30	0.00	1.50	0.00	1.50	1.00	1.00	1.00	2.30	1.10	1.00	-	-
9	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.30	1.10	1.00	-	-
10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.30	1.10	1.00	-	-

Segue la tabella riassuntiva di tutte le verifiche a **ribaltamento**.

Caso	Fondazione			Fondazione e Sottofondo		
	R_d [daN*cm]	E_d [daN*cm]	Verifica	R_d [daN*cm]	E_d [daN*cm]	Verifica
1-1	61628990	769100	SI (61628990/769100 = 80.13 >= 1.0)	46781170	922920	SI (46781170/922920 = 50.69 >= 1.0)
2-1	65088830	963100	SI (65088830/963100 = 67.58 >= 1.0)	50529330	1155720	SI (50529330/1155720 = 43.72 >= 1.0)
3-1	65689860	1473400	SI (65689860/1473400 = 44.58 >= 1.0)	51180450	1768080	SI (51180450/1768080 = 28.95 >= 1.0)
4-1	65166570	941600	SI (65166570/941600 = 69.21 >= 1.0)	50613550	1129920	SI (50613550/1129920 = 44.79 >= 1.0)
5-1	69149710	1667350	SI (69149710/1667350 = 41.47 >= 1.0)	54928610	2000820	SI (54928610/2000820 = 27.45 >= 1.0)
6-1	68626410	1135600	SI (68626410/1135600 = 60.43 >= 1.0)	54361710	1362720	SI (54361710/1362720 = 39.89 >= 1.0)
7-1	68397120	1942900	SI (68397120/1942900 = 35.20 >= 1.0)	54113310	2331480	SI (54113310/2331480 = 23.21 >= 1.0)
8-1	67524960	1056600	SI (67524960/1056600 = 63.91 >= 1.0)	53168470	1267920	SI (53168470/1267920 = 41.93 >= 1.0)
9-1	46969660	966950	SI (46969660/966950 = 48.58 >= 1.0)	35511820	1160340	SI (35511820/1160340 = 30.60 >= 1.0)
10-1	46364140	146800	SI (46364140/146800 > 100)	34855840	176160	SI (34855840/176160 > 100)

Segue la tabella riassuntiva di tutte le verifiche di **capacità portante**, i dettagli sono riportati nei paragrafi successivi.

Caso	Cond. drenate			Cond. non drenate		
	E_d [daN]	R_d [daN]	Verifica	E_d [daN]	R_d [daN]	Verifica
1-1	405475.1	1303457.5	SI (1303457.5/405475.1 = 3.21 >= 1.0)	Verifica non richiesta.		
2-1	434307.2	1277846.7	SI (1277846.7/434307.2 = 2.94 >= 1.0)	Verifica non richiesta.		
3-1	439315.8	1190351.6	SI (1190351.6/439315.8 = 2.71 >= 1.0)	Verifica non richiesta.		
4-1	434955	1282029	SI (1282029/434955 = 2.95 >= 1.0)	Verifica non richiesta.		
5-1	468147.8	1174889.3	SI (1174889.3/468147.8 = 2.51 >= 1.0)	Verifica non richiesta.		

6-1	463787.1	1259655.8	SI (1259655.8/463787.1 = 2.72 >= 1.0)	Verifica non richiesta.
7-1	461876.2	1127909	SI (1127909/461876.2 = 2.44 >= 1.0)	Verifica non richiesta.
8-1	454608.3	1269422	SI (1269422/454608.3 = 2.79 >= 1.0)	Verifica non richiesta.
9-1	273167.8	995449.8	SI (995449.8/273167.8 = 3.64 >= 1.0)	Verifica non richiesta.
10-1	268121.8	1192540.9	SI (1192540.9/268121.8 = 4.45 >= 1.0)	Verifica non richiesta.

Segue la tabella riassuntiva di tutte le verifiche di **resistenza a scorrimento**, i dettagli sono riportati nei paragrafi successivi.

Caso	Cond. drenate			Cond. non drenate		
	E_d [daN]	R_d [daN]	Verifica	E_d [daN]	R_d [daN]	Verifica
1-1	15382	174146.8	SI (174146.8/15382 = 11.32 >= 1.0)			Verifica non richiesta.
2-1	19262	183044.2	SI (183044.2/19262 = 9.50 >= 1.0)			Verifica non richiesta.
3-1	29468	184589.8	SI (184589.8/29468 = 6.26 >= 1.0)			Verifica non richiesta.
4-1	18832	183244.1	SI (183244.1/18832 = 9.73 >= 1.0)			Verifica non richiesta.
5-1	33347	193487.2	SI (193487.2/33347 = 5.80 >= 1.0)			Verifica non richiesta.
6-1	22712	192141.5	SI (192141.5/22712 = 8.46 >= 1.0)			Verifica non richiesta.
7-1	38858	191551.8	SI (191551.8/38858 = 4.93 >= 1.0)			Verifica non richiesta.
8-1	21132	189309	SI (189309/21132 = 8.96 >= 1.0)			Verifica non richiesta.
9-1	19339	133317.4	SI (133317.4/19339 = 6.89 >= 1.0)			Verifica non richiesta.
10-1	2936	131760.2	SI (131760.2/2936 = 44.88 >= 1.0)			Verifica non richiesta.

Il calcolo della capacità portante viene eseguito secondo la formula trinomia, considerando separatamente i contributi dovuti alla coesione, al sovraccarico laterale ed al peso del terreno. Per le verifiche in condizioni drenate, si utilizzano i coefficienti di capacità portante N_q (Prandtl, 1921), N_c (Reissner, 1924), N_γ (Vesic, 1973), i coefficienti correttivi dovuti alla forma della fondazione (s , Meyerhof, 1951 e 1963), all'approfondimento (d , Brinch Hansen, 1970), all'inclinazione del carico (i , Vesic, 1973), all'inclinazione del piano di posa (b , Vesic, 1973), all'inclinazione del piano campagna (g , Vesic, 1973), e all'azione sismica (h - Maugeri e Novità, 2004).

Nel caso di terreno eterogeneo (litologie differenti, presenza di falda), i parametri meccanici utilizzati nel calcolo sono ottenuti come media ponderata dei valori rinvenuti all'interno del cuneo di rottura.

La resistenza a scorrimento, viene ottenuta sommando i contributi del carico normale al piano di posa moltiplicato per il coefficiente d'attrito, e dell'area del piano di posa (eventualmente ridotta per carico verticale eccentrico) per l'adesione fondazione-terreno. In condizioni drenate, l'attrito fondazione terreno è assunto pari all'angolo di resistenza al taglio del terreno moltiplicato per il coefficiente 0.75, l'adesione fondazione terreno è trascurata (assunta pari a 0). Si considera il contributo della pressione del terreno a lato della fondazione. La resistenza laterale del terreno è assunta pari alla resistenza passiva disponibile moltiplicata per 0.50.

La fondazione ha piano di posa rettangolare, con lato X di 260 [cm], lato Y di 5420 [cm], e centro alla quota $z = -110$ [cm]. Il piano di posa è orizzontale.

La stratigrafia è omogenea, presenta un solo strato							
n.	nome	z _i [cm]	z _f [cm]	γ _d [daN/cm ³]	γ _t [daN/cm ³]	c' [daN/cm ²]	φ' [°]
1	Sabbia	0	-1276	0.0018	0.0018	0	25
La stratigrafia contiene una falda							
n.	z _i [cm]		z _f [cm]	γ _w [daN/cm ³]			
1	0		-1276	0.00098			

Sollecitazioni al piano di posa

Si riportano di seguito le componenti della sollecitazione applicata e la distanza del punto di applicazione dal centro del piano di posa della fondazione.

Rispetto al sistema di rif. globale:								
Caso	F _x [daN]	F _y [daN]	F _z [daN]	M _x [daN*cm]	M _y [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	-15382	0	-405475.15	0	0	0	0	60
2-1	-19262	0	-434307.17	0	0	0	0	60
3-1	-29468	0	-439315.81	0	0	0	0	60
4-1	-18832	0	-434955.03	0	0	0	0	60
5-1	-33347	0	-468147.83	0	0	0	0	60
6-1	-22712	0	-463787.06	0	0	0	0	60
7-1	-38858	0	-461876.24	0	0	0	0	60
8-1	-21132	0	-454608.29	0	0	0	0	60
9-1	19339	0	-273167.84	0	0	0	0	60
10-1	2936	0	-268121.83	0	0	0	0	60
Rispetto al sistema di rif. locale (centro piano di posa):								
Caso	H _x [daN]	H _y [daN]	V _z [daN]	M _x [daN*cm]	M _y [daN*cm]	dx [cm]	dy [cm]	dz [cm]
1-1	-15382	0	-405475.15	0	-922920	-	-	-
2-1	-19262	0	-434307.17	0	-1155720	-	-	-
3-1	-29468	0	-439315.81	0	-1768080	-	-	-
4-1	-18832	0	-434955.03	0	-1129920	-	-	-
5-1	-33347	0	-468147.83	0	-2000820	-	-	-
6-1	-22712	0	-463787.06	0	-1362720	-	-	-
7-1	-38858	0	-461876.24	0	-2331480	-	-	-
8-1	-21132	0	-454608.29	0	-1267920	-	-	-
9-1	19339	0	-273167.84	0	1160340	-	-	-
10-1	2936	0	-268121.83	0	176160	-	-	-

Le sollecitazioni applicate provocano un' eccentricità lungo X (max = 5.05 [cm]), perciò le verifiche vengono eseguite sulla fondazione ridotta rettangolare.

Caso	ecc. X [cm]	ecc. Y [cm]	Asse B	Asse L
1-1	2.28	0	asse X	asse Y
2-1	2.66	0	asse X	asse Y
3-1	4.02	0	asse X	asse Y
4-1	2.6	0	asse X	asse Y
5-1	4.27	0	asse X	asse Y
6-1	2.94	0	asse X	asse Y
7-1	5.05	0	asse X	asse Y
8-1	2.79	0	asse X	asse Y
9-1	4.25	0	asse X	asse Y
10-1	0.66	0	asse X	asse Y

Capacità portante

Le seguenti tabelle elencano il valore dell'angolo di resistenza al taglio, del peso di volume alleggerito, della coesione efficace, del sovraccarico alleggerito, e dei fattori e coefficienti introdotti nel calcolo della capacità portante.

Caso	γ _φ	γ _γ	φ [°]	γ' _d [daN/cm ³]	N _γ	S _γ	d _γ	i _{bγ}	i _γ	b _γ	g _γ	h _γ	q' _{lim,γ} [daN/cm ²]
1-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.89	1.00	1.00	1.00	-	1.03
2-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.87	1.00	1.00	1.00	-	1
3-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.81	1.00	1.00	1.00	-	0.92
4-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.88	1.00	1.00	1.00	-	1.01
5-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.80	1.00	1.00	1.00	-	0.91
6-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.86	1.00	1.00	1.00	-	0.99
7-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.77	1.00	1.00	1.00	-	0.87
8-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.87	1.00	1.00	1.00	-	1
9-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.80	1.00	1.00	1.00	0.78	0.71
10-1	1.00	1.00	25	0.00082	10.88	1.01	1.00	0.97	1.00	1.00	1.00	0.78	0.88

Caso	γ_c	c' [daN/cm ²]	N_c	s_c	d_c	i_{bc}	i_{ic}	b_c	g_c	h_c	$q'_{lim,c}$ [daN/cm ²]
1-1	1.00	0	20.72	1.02	1.15	0.92	1.00	1.00	1.00	-	0
2-1	1.00	0	20.72	1.02	1.15	0.91	1.00	1.00	1.00	-	0
3-1	1.00	0	20.72	1.02	1.15	0.86	1.00	1.00	1.00	-	0
4-1	1.00	0	20.72	1.02	1.15	0.91	1.00	1.00	1.00	-	0
5-1	1.00	0	20.72	1.02	1.15	0.85	1.00	1.00	1.00	-	0
6-1	1.00	0	20.72	1.02	1.15	0.90	1.00	1.00	1.00	-	0
7-1	1.00	0	20.72	1.02	1.15	0.83	1.00	1.00	1.00	-	0
8-1	1.00	0	20.72	1.02	1.15	0.90	1.00	1.00	1.00	-	0
9-1	1.00	0	20.72	1.02	1.15	0.85	1.00	1.00	1.00	0.92	0
10-1	1.00	0	20.72	1.02	1.15	0.98	1.00	1.00	1.00	0.92	0

Caso	q' [daN/cm ²]	N_q	s_q	d_q	i_{bq}	i_{iq}	b_q	g_q	h_q	$q'_{lim,q}$ [daN/cm ²]
1-1	0.09	10.66	1.01	1.13	0.93	1.00	1.00	1.00	-	1.02
2-1	0.09	10.66	1.01	1.13	0.92	1.00	1.00	1.00	-	1.01
3-1	0.09	10.66	1.01	1.14	0.87	1.00	1.00	1.00	-	0.96
4-1	0.09	10.66	1.01	1.13	0.92	1.00	1.00	1.00	-	1.01
5-1	0.09	10.66	1.01	1.14	0.87	1.00	1.00	1.00	-	0.96
6-1	0.09	10.66	1.01	1.13	0.91	1.00	1.00	1.00	-	1
7-1	0.09	10.66	1.01	1.14	0.84	1.00	1.00	1.00	-	0.93
8-1	0.09	10.66	1.01	1.13	0.91	1.00	1.00	1.00	-	1
9-1	0.09	10.66	1.01	1.14	0.87	1.00	1.00	1.00	0.89	0.85
10-1	0.09	10.66	1.01	1.13	0.98	1.00	1.00	1.00	0.89	0.96

Segue il confronto fra la pressione limite ed applicata.

Caso	$\gamma_{R,v}$	q'_{lim} [daN/cm ²]	A [cm ²]	R_d [daN]	E_d [daN]	Verifica
1-1	2.30	0.94	1384526.59	1303457.5	405475.1	SI (1303457.5/405475.1 = 3.21 >= 1.0)
2-1	2.30	0.93	1380354.05	1277846.7	434307.2	SI (1277846.7/434307.2 = 2.94 >= 1.0)
3-1	2.30	0.87	1365573.1	1190351.6	439315.8	SI (1190351.6/439315.8 = 2.71 >= 1.0)
4-1	2.30	0.93	1381040	1282029	434955	SI (1282029/434955 = 2.95 >= 1.0)
5-1	2.30	0.86	1362870.85	1174889.3	468147.8	SI (1174889.3/468147.8 = 2.51 >= 1.0)
6-1	2.30	0.91	1377349.42	1259655.8	463787.1	SI (1259655.8/463787.1 = 2.72 >= 1.0)
7-1	2.30	0.83	1354481.35	1127909	461876.2	SI (1127909/461876.2 = 2.44 >= 1.0)
8-1	2.30	0.92	1378966.82	1269422	454608.3	SI (1269422/454608.3 = 2.79 >= 1.0)
9-1	2.30	0.73	1363154.73	995449.8	273167.8	SI (995449.8/273167.8 = 3.64 >= 1.0)
10-1	2.30	0.85	1402077.96	1192540.9	268121.8	SI (1192540.9/268121.8 = 4.45 >= 1.0)

Scorrimento

Le seguenti tabelle elencano il valore dell'angolo di resistenza al taglio, della coesione efficace, dell'attrito e dell'aderenza fondazione-terreno, e della resistenza disponibile sul piano di posa e sulle pareti laterali.

Caso	γ_ϕ	$\gamma_{c'}$	ϕ [°]	c' [daN/cm ²]	δ [°]	a [daN/cm ²]	$\gamma_{R,h}$	$\gamma_{R,e}$	R_h [daN]	R_e [daN]
1-1	1.00	1.00	25	0	18.7	0	1.10	1.00	125127.51	49019.25
2-1	1.00	1.00	25	0	18.7	0	1.10	1.00	134024.93	49019.25
3-1	1.00	1.00	25	0	18.7	0	1.10	1.00	135570.57	49019.25
4-1	1.00	1.00	25	0	18.7	0	1.10	1.00	134224.85	49019.25
5-1	1.00	1.00	25	0	18.7	0	1.10	1.00	144467.98	49019.25
6-1	1.00	1.00	25	0	18.7	0	1.10	1.00	143122.27	49019.25
7-1	1.00	1.00	25	0	18.7	0	1.10	1.00	142532.6	49019.25

8-1	1.00	1.00	25	0	18.7	0	1.10	1.00	140289.74	49019.25
9-1	1.00	1.00	25	0	18.7	0	1.10	1.00	84298.17	49019.25
10-1	1.00	1.00	25	0	18.7	0	1.10	1.00	82741	49019.25

Segue il confronto fra la resistenza a scorrimento e l'azione applicata.

Caso	R_d [daN]	E_d [daN]	Verifica
1-1	174146.8	15382	SI (174146.8/15382 = 11.32 \geq 1.0)
2-1	183044.2	19262	SI (183044.2/19262 = 9.50 \geq 1.0)
3-1	184589.8	29468	SI (184589.8/29468 = 6.26 \geq 1.0)
4-1	183244.1	18832	SI (183244.1/18832 = 9.73 \geq 1.0)
5-1	193487.2	33347	SI (193487.2/33347 = 5.80 \geq 1.0)
6-1	192141.5	22712	SI (192141.5/22712 = 8.46 \geq 1.0)
7-1	191551.8	38858	SI (191551.8/38858 = 4.93 \geq 1.0)
8-1	189309	21132	SI (189309/21132 = 8.96 \geq 1.0)
9-1	133317.4	19339	SI (133317.4/19339 = 6.89 \geq 1.0)
10-1	131760.2	2936	SI (131760.2/2936 = 44.88 \geq 1.0)

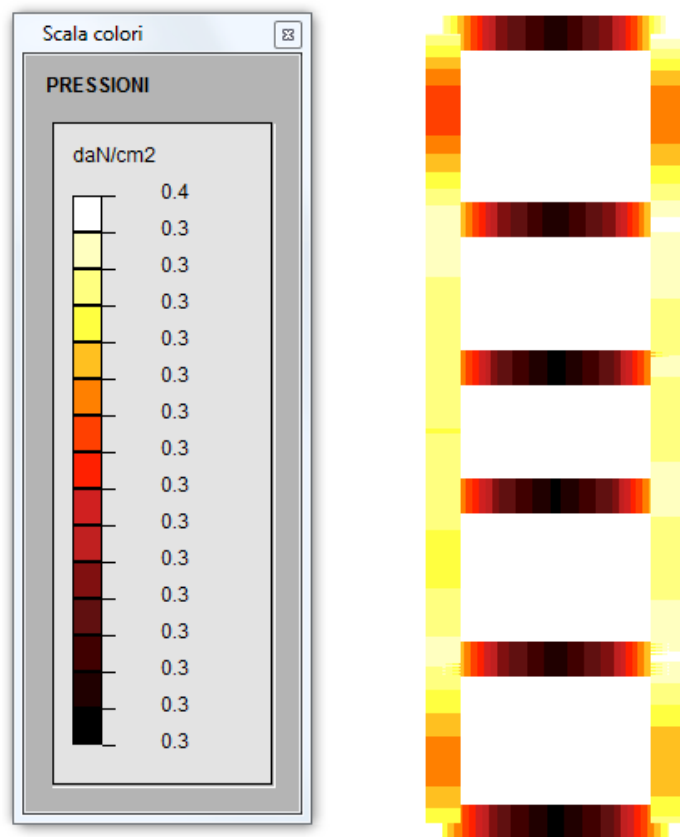


Figura 29: pressioni sul terreno